Book of Paths

The One

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The Book of Paths

Saturday, September 23, 2023

This book is the first book of a work called The Art of Prophecy which is a book introducing and proving the relationship between Language and Grammar. It introduces one to our Grammar Matrix, a matrix which uses binary recursion in its four basic configurations, Common Grammar, Arithmetic, Algebra and Geometry. Language is Universal and Intelligible, while Grammar is Particular and Perceptible, constructed by a species commensurate with its intelligence. What one acquires from this work will depend upon one's ability to effect the higher reasoning power of metaphor. It provides one with experience of intelligibles by experience using their own hand and their own mind, in a metaphor, which looked very good in the Prophets, but very bad in Revelation as the mark of the beast. It is a biological fact that we regulate behavior by turning the past into a future, and brining that future to pass. All a mind can do is process information, and that is an art which has little to do with learning to repeat the rubbish of mystics.

Normal people will not be able to make much of it. This book is not yet finished. When completed it will comprise four divisions, 1 Crossing Swords, 2 Swords on the Moon, 3 Observatory, and 4 Roll Away the Stone; the last section has more plates than the first three combined. The basics of this work is already in the work called Basic Analog Grammar Sample Dictionary. The work should be sufficient, if diligently studied, to make one confided in the fact that all grammar systems are designed, by biological fact, to afford a functioning mind with the Art of Prophecy, or again, the ability to predict the results of a data set using our four basic systems of grammar.

The majority of human science focuses on the perceptible; however, mankind is defined by his mind, the intelligible. Along these lines one would be hard pressed to find any perceptible examples in history which are focused on presenting examples which, by their very nature, aid in learning the fundamentals of intelligence. As the intelligible is not, nor ever can be perceptible, it does not mean that one cannot construct perceptible examples which must always adhere to the principles of these intelligibles. This is what these examples do, they show you examples which the grammar parallels the intelligible. This is what geometry brings to the table of grammar instruction; examples which isolate and clarify the intelligibles of information processing.

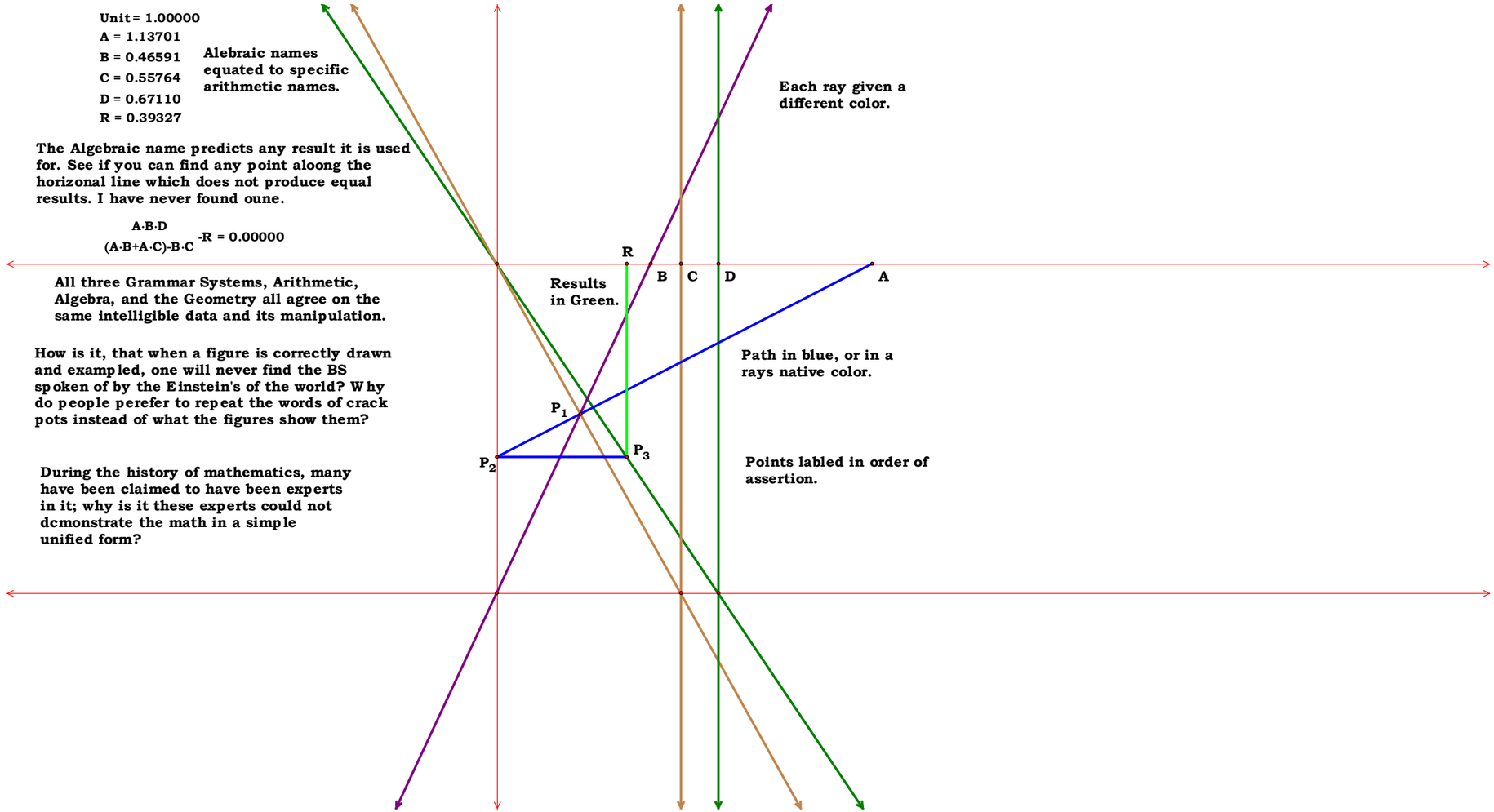
In this book, one will find the lines are divided into two categories. One category is called the ray, a line unterminated, i.e., infinite. The second category are what have been called line segments, terminated. The termination is traditionally called a point. The unterminated lines are the data line, or stand for the perceptible and the hypothetical nature of their infinitude. The terminated lines belong in the category of the grammar system by which the data is examined. The grammar affords us the ability to ask and answer questions about the data; for example, if such and such is done, than such and such will result. They clarify the prophetic nature of grammar and form the foundation of The Art of Prophecy.

The data is independent of the grammar, and the grammar is independent of the data. These examples can then be used to ask yourself questions in regard to those who claim that grammar effects the data and thus contaminates the result, for example the Einstein's and Schrodinger's, and is something else going on which is beyond the intelligence of these people? What is the actual source of the mythological stories in regard to information processing? Is there really some mythological circumstance whereby the simple operations used for information processing generate these mythologies, all of which include a host of self-referential fallacies, or is someone simply delusional due to a limited and insecure intelligence? Are the results of information processing derived from the principles of Grammar or from mythology even under the name of theory?

All of this, of course, involves the question; how easily are you persuaded to abandon simple truth? Can you improve your resistance to it?

Do we testify to what we have seen, and speak of what we have known? In short, is grammar a pairing, what we say, with actual information, or is the pairing performed by pencil (mental) masturbation?

The best place to examine and learn the fundamentals of information processing is by using the simplest method of examination. This simple method has, however, no constraint on the complexity of the equations used in the examples, equations which, our mythologers all correct, as they say, by their own imagination. Mythology ports one away from the simple truth into a realm of obfuscation and confusion, separating one from any solid foundation. If you do not draw the examples in an interactive environment and let them teach you, you will not learn. If someone can show you the path to learning to be true, then it should follow that you need not listen to them about their fancy stories.



So, ask yourself, why is it when people speak of the paper, they perform their operations on as being crumpled, or as rigid rod's, clocks, plane surfaces heated over a campfire, or mysteriously corrupted measurements due to weather conditions which you cannot see, that these do not incite one to laugh? Why not simply say hocus pocus? What part of an equation is a clock, or anything else? If you cannot separate the perceptible from the intelligible, you certainly cannot know which is the grammar, and which is the data. What part of your education enforced the ground upon which a mind must operate in order to be true?

In geometry, there has been some who have protested about extending a line in a figure which produces some uncertainty, but here, in these examples, all the data lines are dismissed as being infinite. One is free to slice and dice them for use with some other purpose; but here we are examining the paths of grammar, of intelligence, which apply to all data.

How do you Know?

Monday, December 31, 2018

How do you know such and such? I.e. one is asking to retrieve from memory some bit of knowledge by which to form a judgment. Knowledge, our job, is the effective use of memory. So, consider this:

Examine each figure, whether simple, or one which requires what are called functions exhibited by the book Roll Away the Stone, pardon me if I do not use the waste my time notation of mathematicians and simply change the case of the letters. How do you construct any particular judgment? And then, does that judgment change involving infinite changes, infinite particulars, in the givens? No. By figuring something out one time, one has a memory which can be used, potentially, an infinite number of times.

So many times, do you hear, or convince yourself, that a judgment about the same path, changes in accordance with particulars. Ask the figures, is this true?

Judgement and Gibberish

Thursday, September 28, 2023

Thousands of years ago, it was written that at a certain point in human evolution, the wisdom of all mankind would suddenly vanish. Therefore, can we, ourselves, prove or disprove this statement, i.e., is it judgement or gibberish? It is very easy to prove its truth, for it is indicative of a cusp point in human evolution. At some point in human evolution mankind will finally understand what he is, why he is, and how to do his biologically defined job, for a mind, when functional, is the most powerful life support system possible. This statement about human evolution, is repeated several times in what is known today as the Bible, a work which was given to mankind to aid in his evolution, i.e., the proof of alien intervention in the history of man's evolution; or again, guided evolution. If there is advanced life in the universe, other minds doing the work of mind, then it follows, they would work to promote that functional ability across the Universe. One can say, the converse of Hollywood. As this statement is the foundation of the Bible, it also follows that the work could not have possibly been produced by man, for that would be a simple self-referential fallacy, a violation in the Law of Identity, or again, a tense error: no man can know what he will become when he does not even know what he is.

I was fortunate, even though terrified, that I became aware of this involvement at an early age. Along the way, I was asked to do a work for mankind, to leave behind me another artifact to also aid in human evolution. All of my work is aimed at that as its goal. The Prophet has always been a biological fact, that life support system which functions intelligibly via our Grammar Matrix. The claimed belief that The Prophet is some individual is a self-referential fallacy held by the mentally incompetent. Our Savior, our God, is as written, the ability to distinguish being right or being wrong, especially in regard to life supporting behavior, which is the biologically defined job of a mind; a fact which can be proven only by the literate.

Today, the state of mankind is his inability to distinguish the difference between judgment and gibberish, i.e., mankind is mentally disabled. The proof of this condition, the condition which even resides in you, the reader, is relatively simple.

The mind is evolving to regulate human behavior in accordance with a simple physical fact; this fact is that all of information processing is afforded by, as the computer today demonstrates, binary

recursion. Physically described is as Plato, and even the Bible intimates, there are, by the definition of a thing, two, and only two parts of speech. One of those parts is a given, the other is applied as the interaction between things. All a mind, or anything else can do, is apply limits, boundaries to other things, even in the Art of Prophecy, or again, Grammar. The exercises in this part of the work, the Art of Prophecy is designed to exercise and reflect upon the paths one asserts to given relative differences, and how the same paths can radically change their physical appearance, while what they do intelligibly is always constant. Every sentence, every equation, is a mapping of assertions which has been made upon things, i.e., these pathways are what denotes the important part of memory and behavior.

Binary recursion is the foundation of information management, be it in a computer or in a functional mind. In short, Grammar is supposed to be the clear, and demonstrable principles, in regard to every grammar of mankind, of information management via binary recursion, yet there is today, no grammar book which teaches this to anyone; not today, nor at any time in man's past history, i.e., mankind does not even know how not to speak gibberish. With sufficient intelligence, one can learn from constructing, viewing, and drawing conclusions from these computational machines.

Every form of information processing, regardless of the countless names that has been given it, is afforded by the assertion of limits to a given relative difference; from carving wood, stone, or judgment nor matter how complex. This book presents one with a focused practice of that process. You want to learn how to shape a life? Start simple.

If you want to learn Truth, you must first learn to be true, so that you can use your own experience as an example by which to examine anything. We know all truth via our Grammar Matrix, if you are illiterate of that, you can never know Truth at all. In the past, man's claim to seek and know truth, has been a delusion; if one cannot demonstrate simple judgment, they can know nothing at all about truth.

The Bible describes the function of a mind; The ability to turn the past into a future, and to bring that future to pass; you might know this statement simply as the Name of the Beast, 666; a child's puzzle. It means the same thing as, the Testimony of Jesus is the Spirit of Prophecy and as written, I am here to help teach the Art of Prophecy. Therefore, consider each equation in Algebra, if one fills into the Algebra an arithmetic value, that equation will tell you what will be produced, i.e.,

predict it, and the Geometry shows you that it will come to pass. Always practice it, and let it anchor your mind. In order to do the job we are being made for, we must know how to predict the results of our own behavior before effecting that behavior upon the world.

If you love the Word of the Lord, then learn how to be true in using words, and shun those makers of doctrines which almost always claim that someone is special, so special they do not have to prove anything. The environmental crisis of today demonstrates that every religion on the face of the earth today, is a lie; no life support system is designed to harm a balanced ecosystem. Man is made, a proven by biology, and the Book, to learn from the past to make a future on this planet in truth, not doctrine, but truth.

Prophet or Predator

Monday, December 31, 2018

If you examine the organizations around the world to judge their ability to distinguish the difference between the Prophet and the predator, one will find, invariably, that organizations, supported by the general population, will choose the predator. Why? The choice is based on their own psychology. This is common to all, mankind wants a prophet which will support the desires of the peoples current stage of psychological development. On the front page, for example of all these organizations is their asking for you to support them; not one of them asks you to support a standard of behavior which is biologically determined for the definition of a functional human being.

Psychology is commensurate with the principles of Language which are functionally resident in the mind as a Grammar Matrix. The mind is what will distinguish mankind from all other forms of life, not only on this planet, but throughout the whole galaxy. One might gather, or at least hope, that somewhere some species has successfully made that a fact for them, that they know and express the function and purpose of literacy, to make a dominate species, one which will do, as the puzzle of the Bible expressed many ways such as the Name of the Beast, is aimed at. A species which can tend the Garden of Life in all they do. That is currently not mankind.

No matter what stage of evolution a human being expresses, there is one fact which is common to them all, a mind produces their behavior. Evolution is commensurate with the proportion of Language divided by Grammar, i.e., literacy.

All a mind can do is receive information from the environment, process that information, and use the result of that processing to effect a person's individual behavior, in short, once again, psychology is commensurate with the principles of Language which are functionally resident in the mind as a Grammar Matrix. What does this mean?

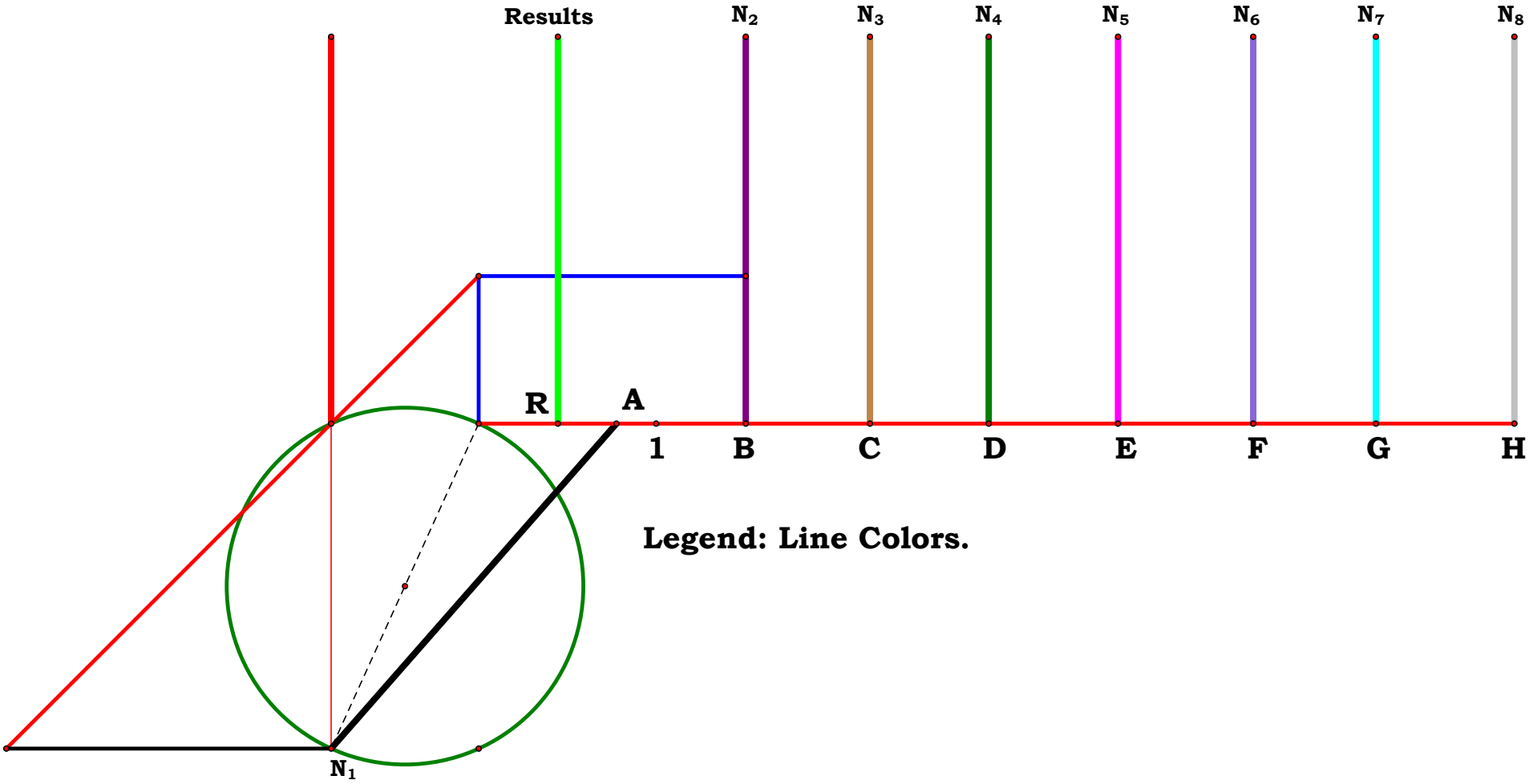
There is only one Language, in a metaphor, produced by the Voice of God. That Language can be said to be a Universal Binary consisting of relative differences constrained by correlatives. And although the computer today, which can process all information, mankind still cannot grasped the idea what this means, that all information is afforded by binary recursion. A wise man once said, as demonstrated in Genesis, let your yea's be yea's and your nay's be nay's, but man can still only quote a specific example, the words themselves, which still he does not try to effect, as the Universe,

and all of reality affirms, must regulate the behavior of his own mind. This inability makes mankind, not a prophet of life, but a predator of it.

Adam and Eve are a Conjugate Binary Pair; which by complete Induction and Deduction produces the Life of Man, in body, mind and soul and we are still striving to be Man, that Prophet, and evolution is weeding out the predators from our stock, mankind is still being refined, as written. Judgment Day, is the process of refining mankind until mankind can do the work he is being made for.

The Prophet is not any particular person, the Prophet is what God is Making, Man, himself. As all we can do is Language processing, in order to predict the best behavior possible, we are by definition, becoming what our lips declare, but which our behavior denies. Man wants a cake so that he can eat it too, yet he cannot discern a good one from a bad one. There is but one good, as demonstrated by reality, the ability to do our own work and hopefully, one day we will do it.

What artifact did God give mankind in the beginning? Was it not a Book to remember the Lord? What artifact will be given again? Judgment is the correct management of memory.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N2
N3
N4
N5
N6
N7
N8
R
A
1
B
C
D
E
F
G
H
N1
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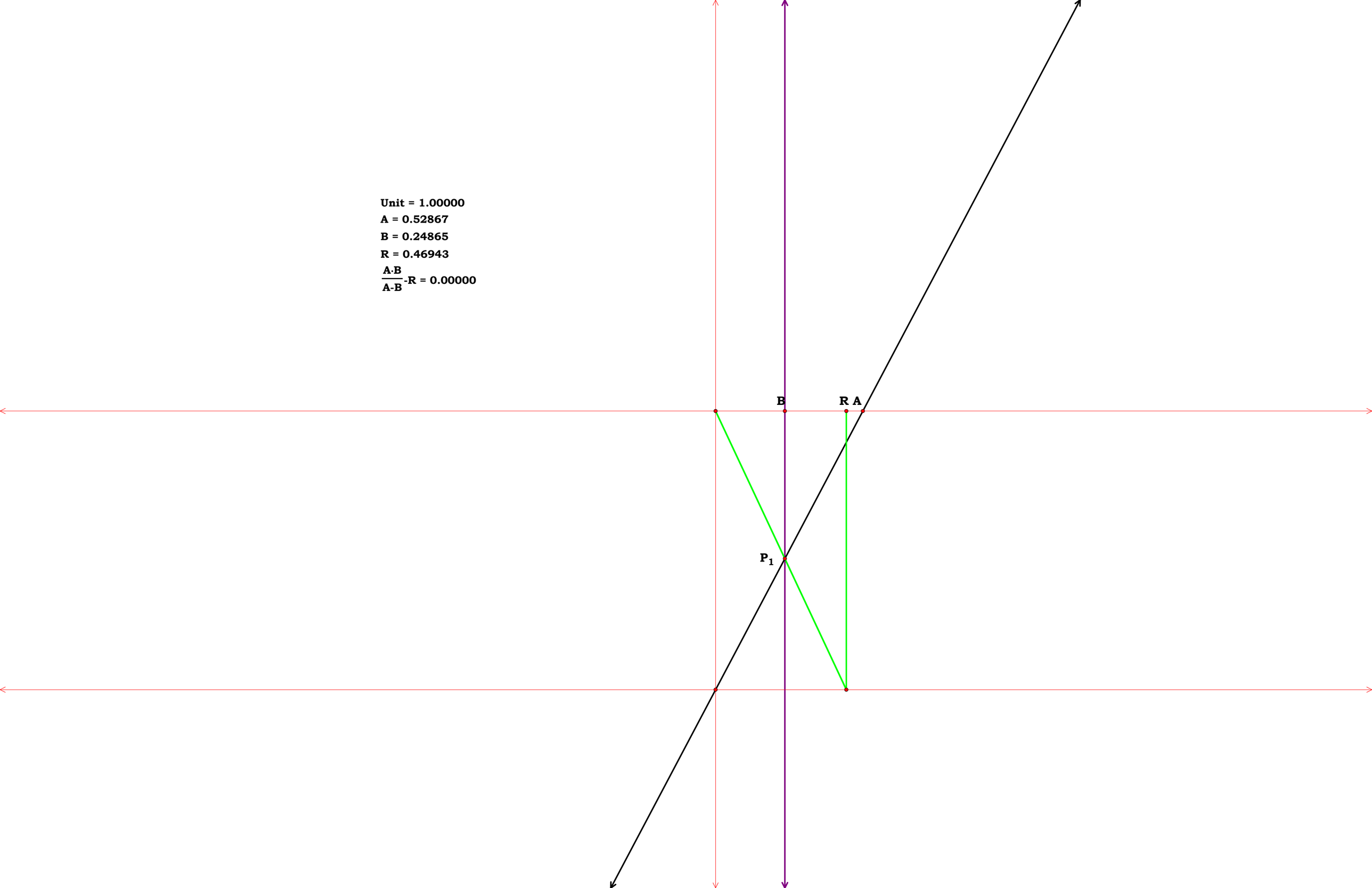

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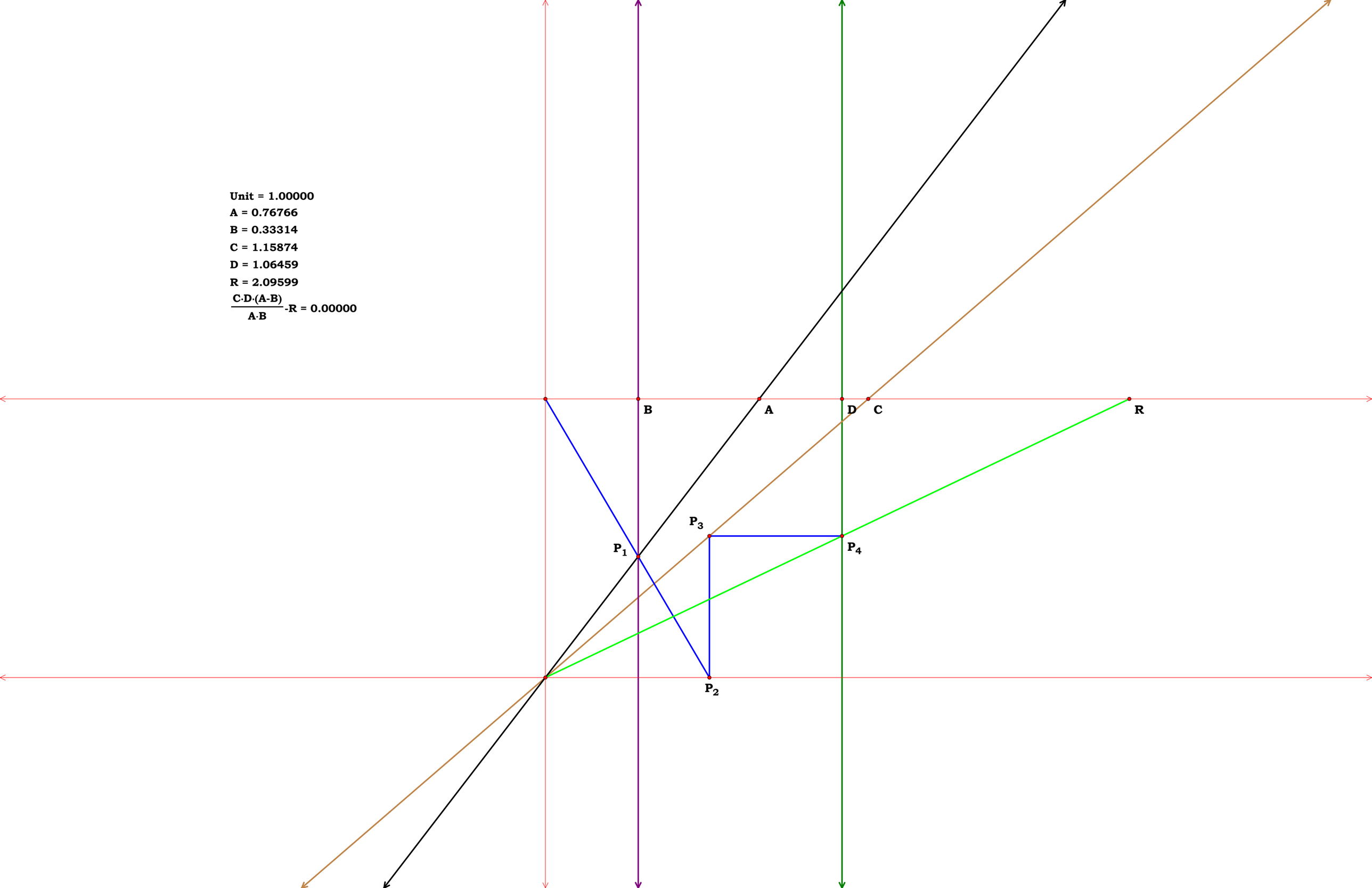

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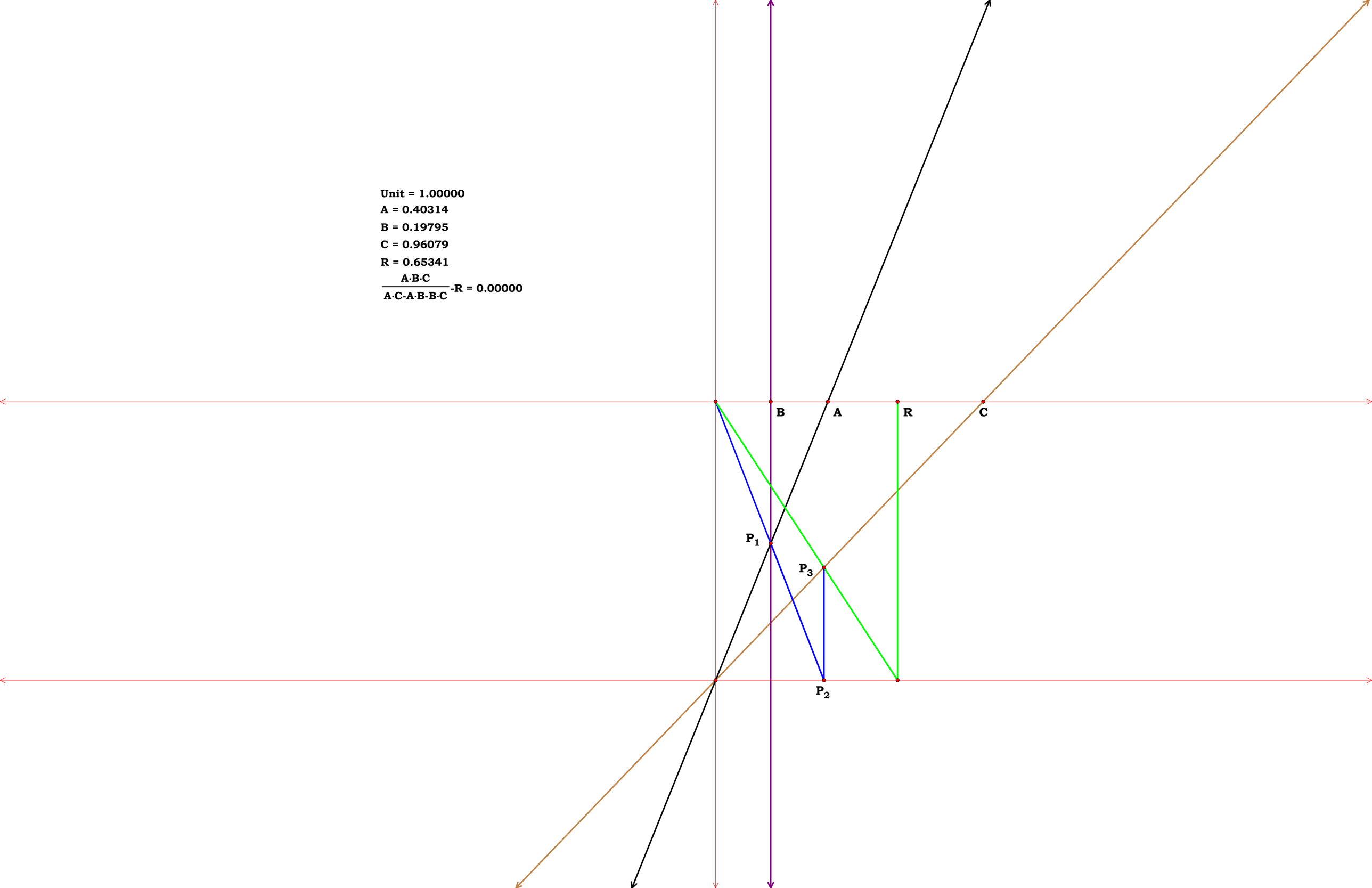

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C = 1.07183

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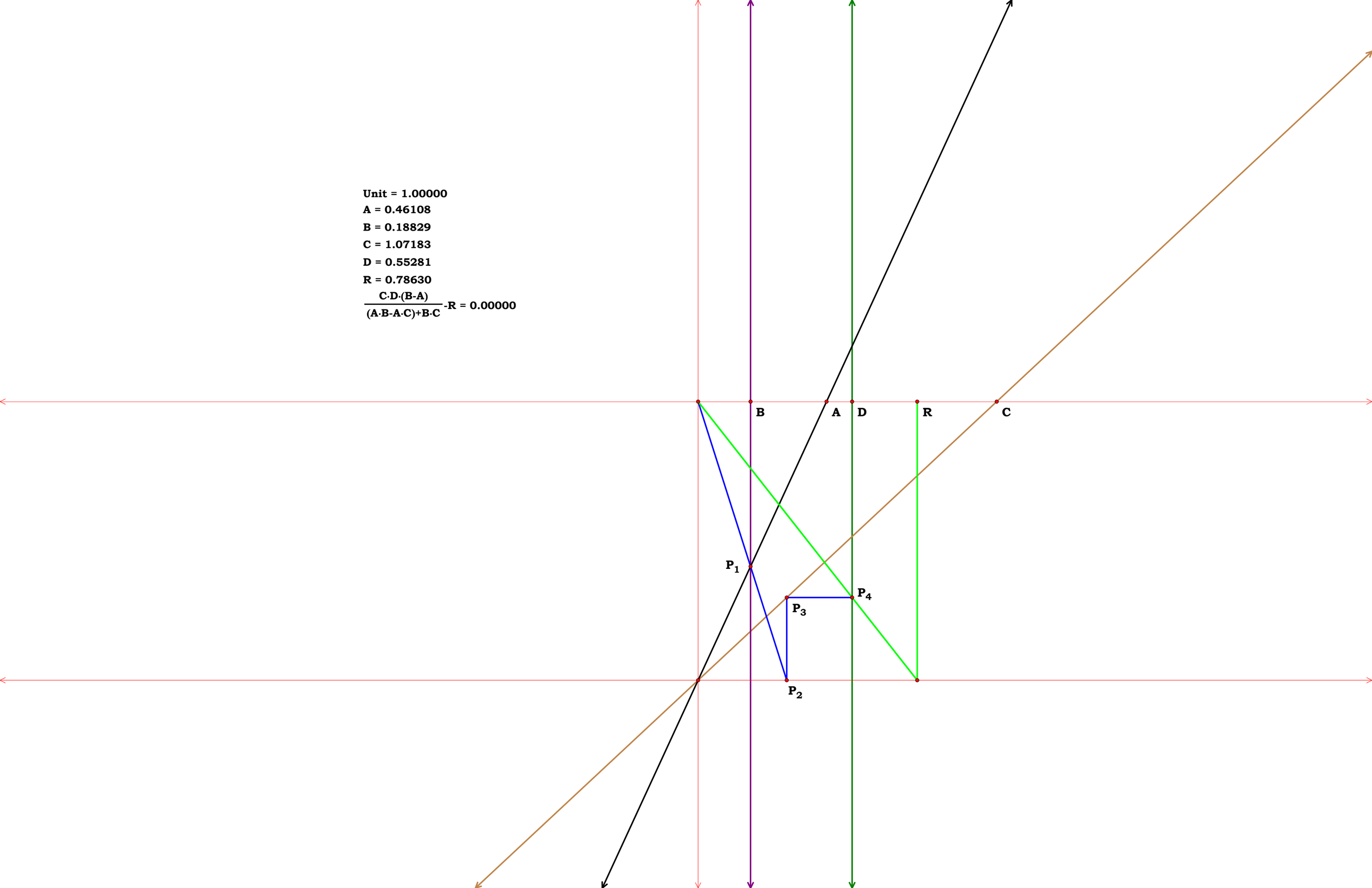

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C = 1.77914

R = 1.01184

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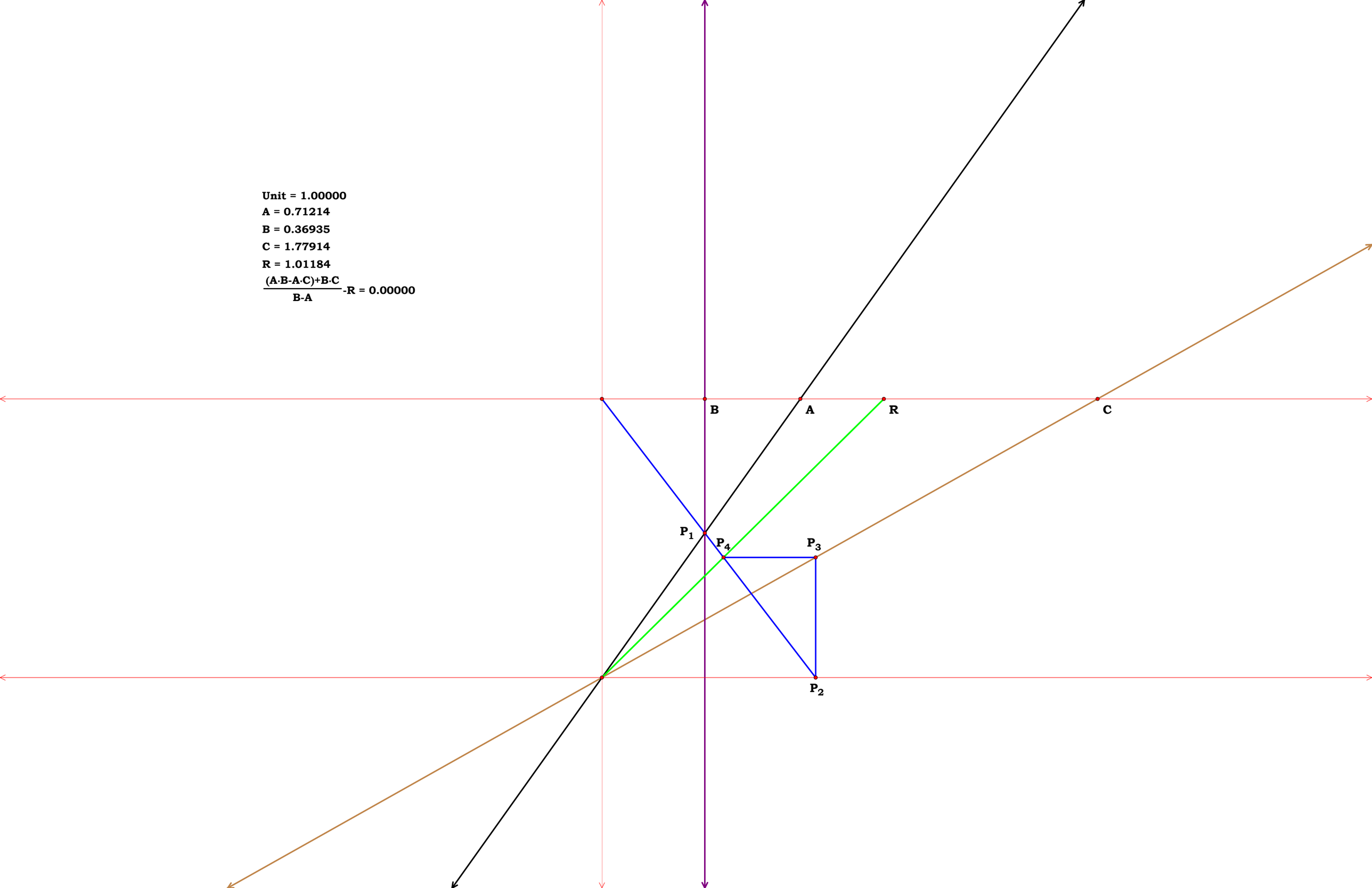

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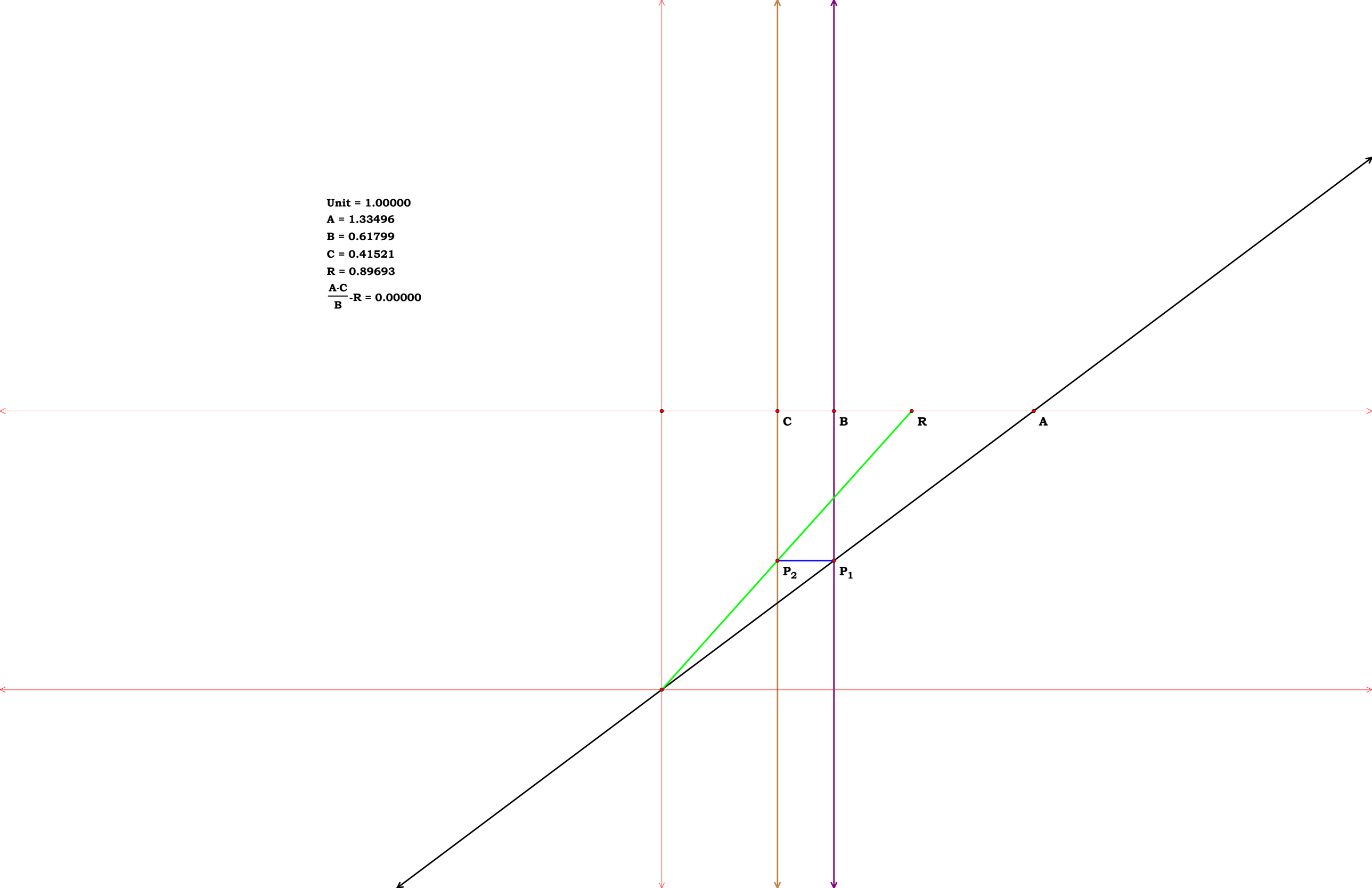

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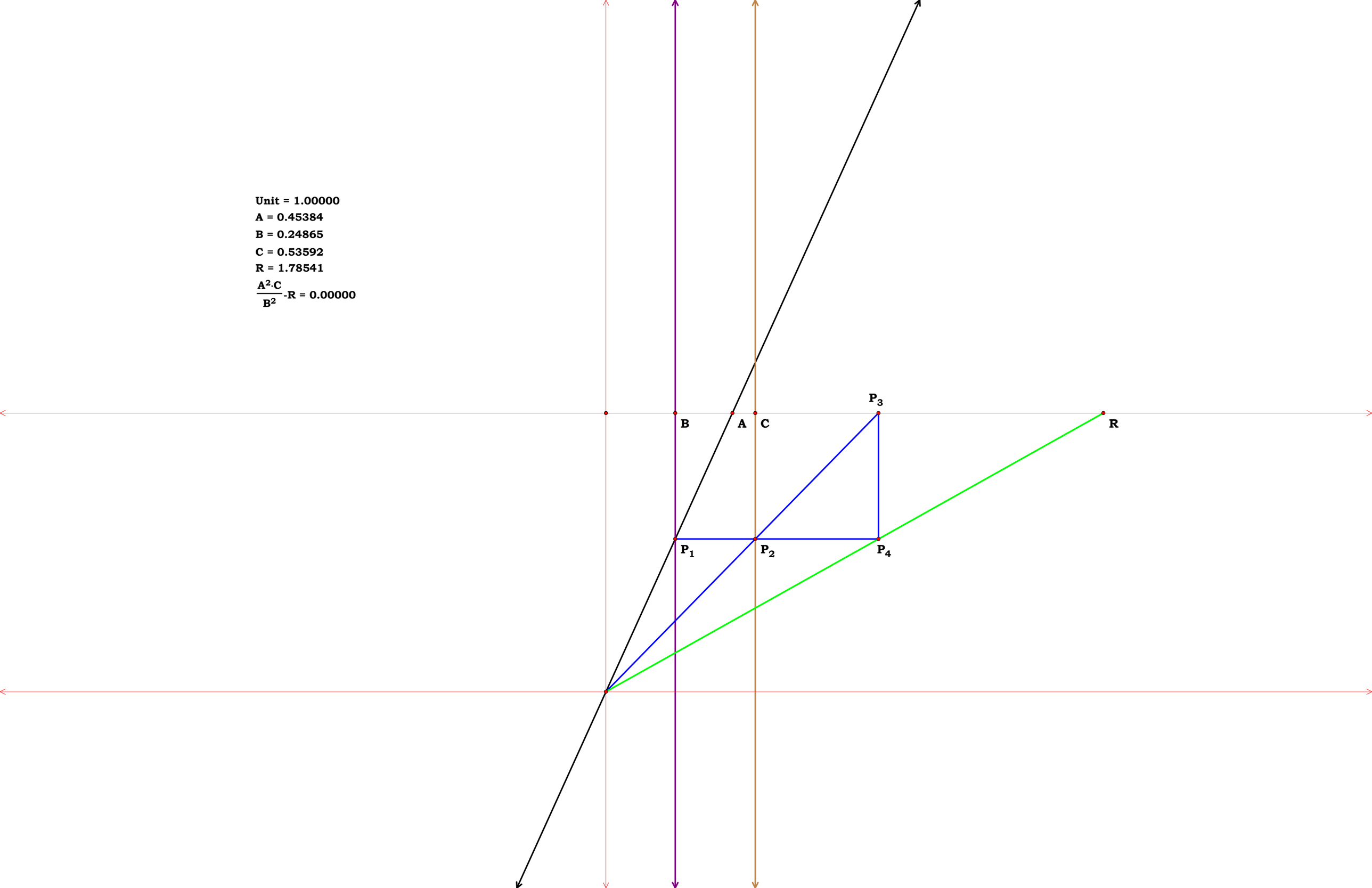

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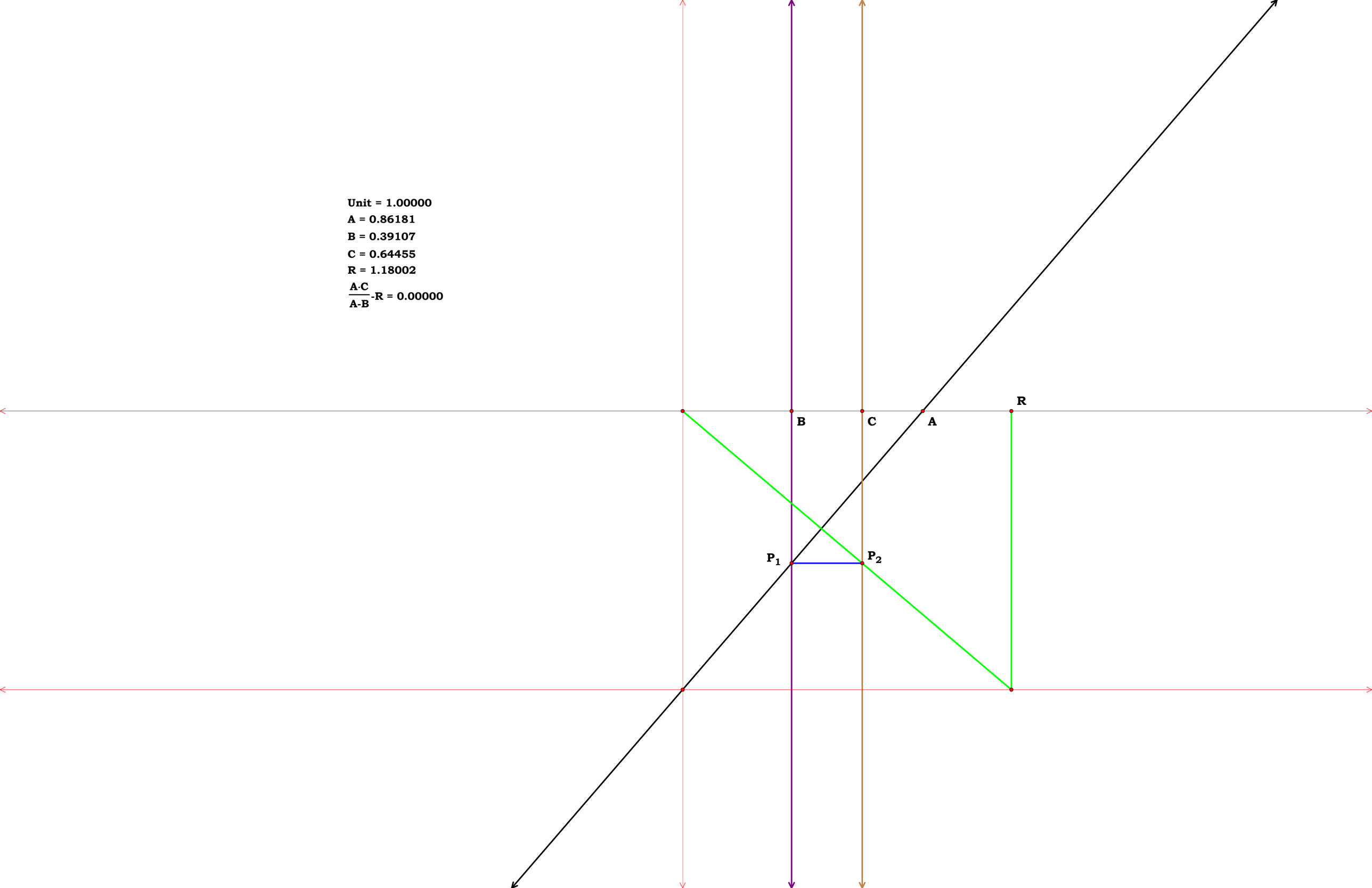

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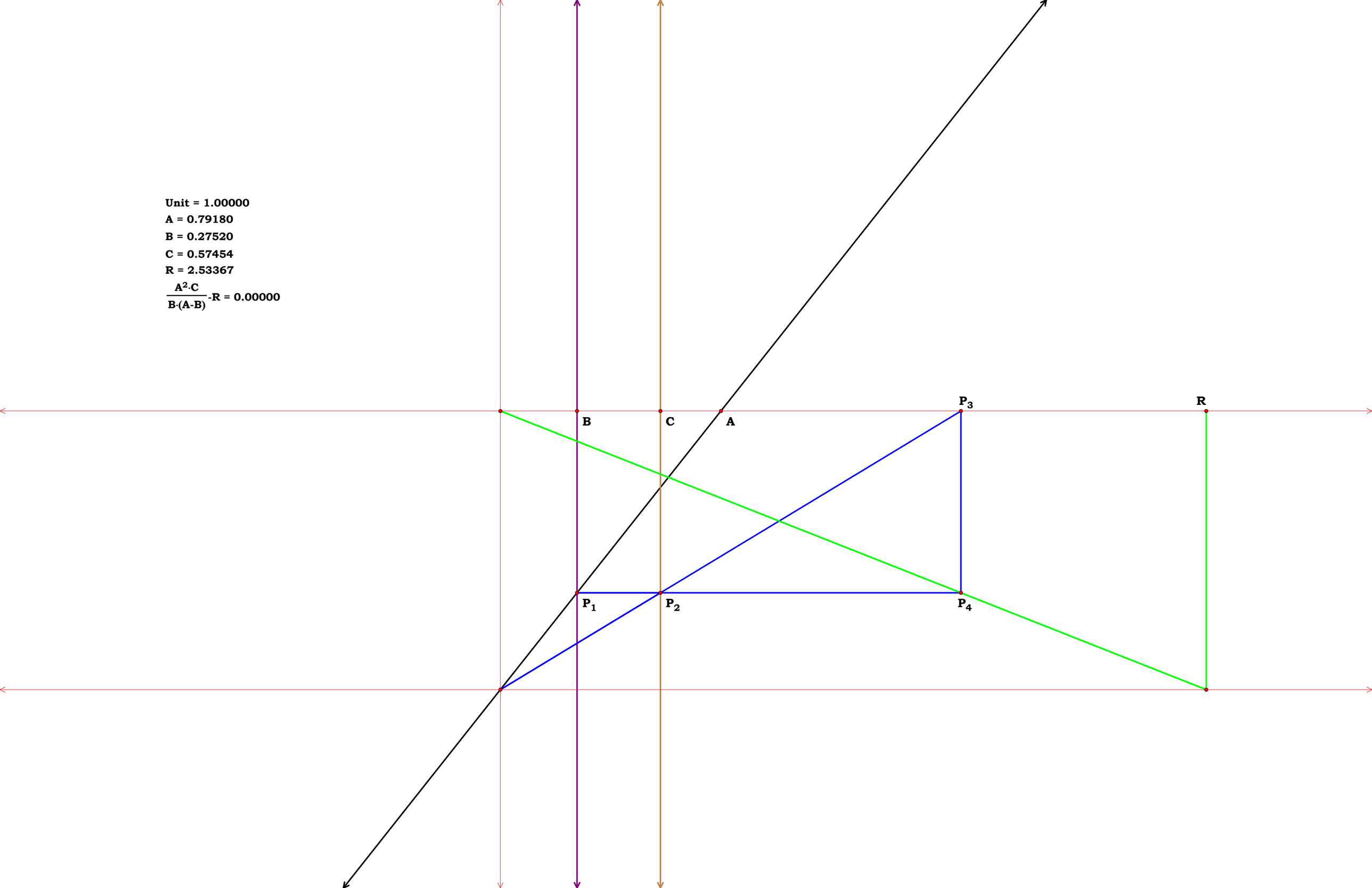

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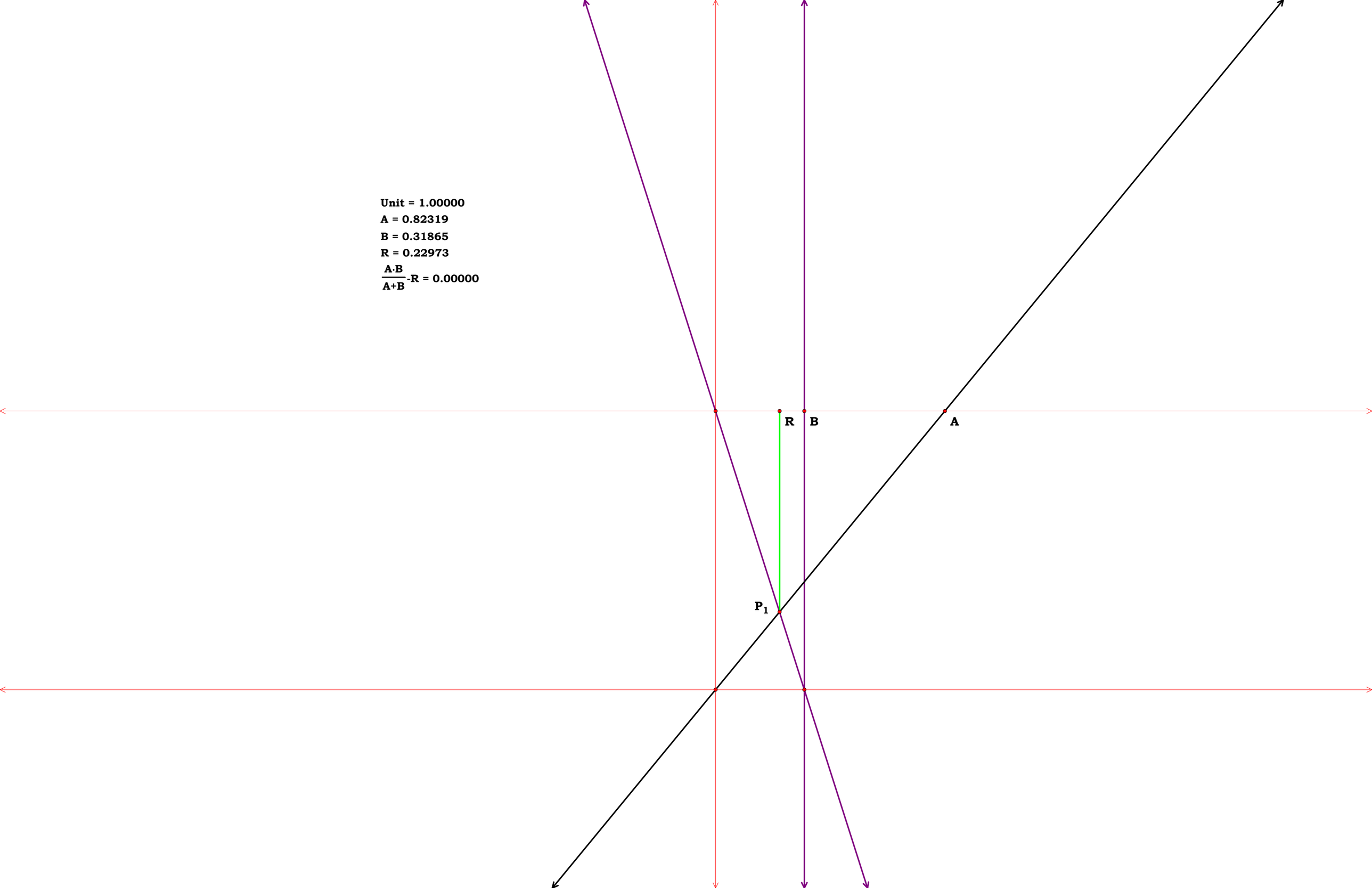

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A = 0.77491

B = 0.99458

C = 1.28910

R = 0.32556

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R

P_2

A

B

C

P_3

P_1

Unit = 1.00000

A = 0.76525

B = 0.42487

C = 0.62524

R = 0.39256

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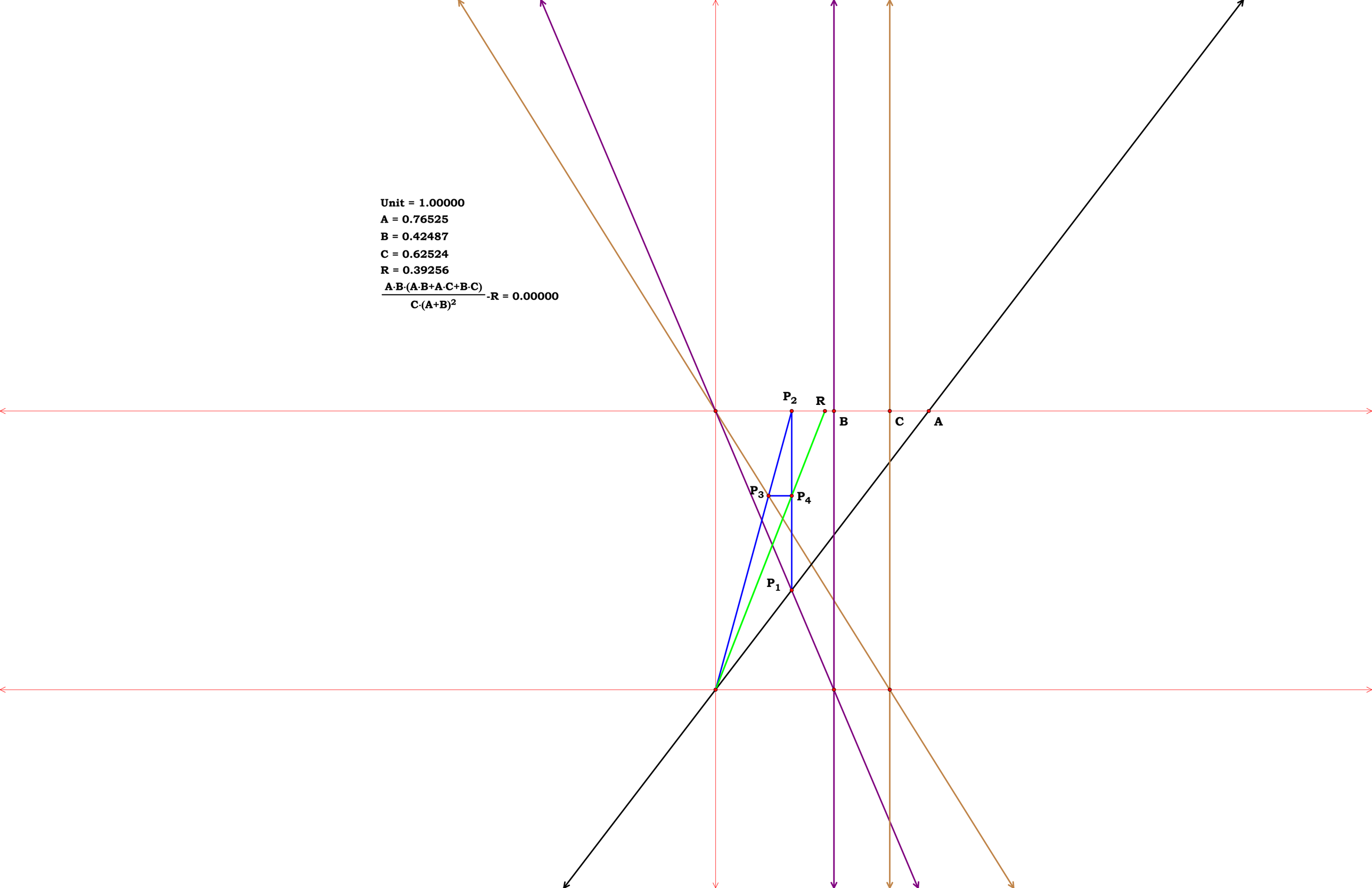

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A = 0.77008

B = 0.27761

C = 0.56006

D = 1.07666

R = 1.46893

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P_2 B C A D R

P_3 P_4

P_1

Unit = 1.00000

A = 1.32772

B = 0.44660

C = 0.68800

R = 1.02219

$$\frac{A \cdot B + C \cdot (A+B)}{A+B} - R = 0.00000$$

P_2 B C R A

P_3 P_4

P_1

Unit = 1.00000

A = 0.95837

B = 0.44660

C = 0.62282

D = 1.19978

R = 0.80569

$$\frac{C \cdot D \cdot (A+B)}{A \cdot B + C \cdot (A+B)} - R = 0.00000$$

P_2 B C R A D

P_3

P_4

P_1

Unit = 1.00000

A = 1.09356

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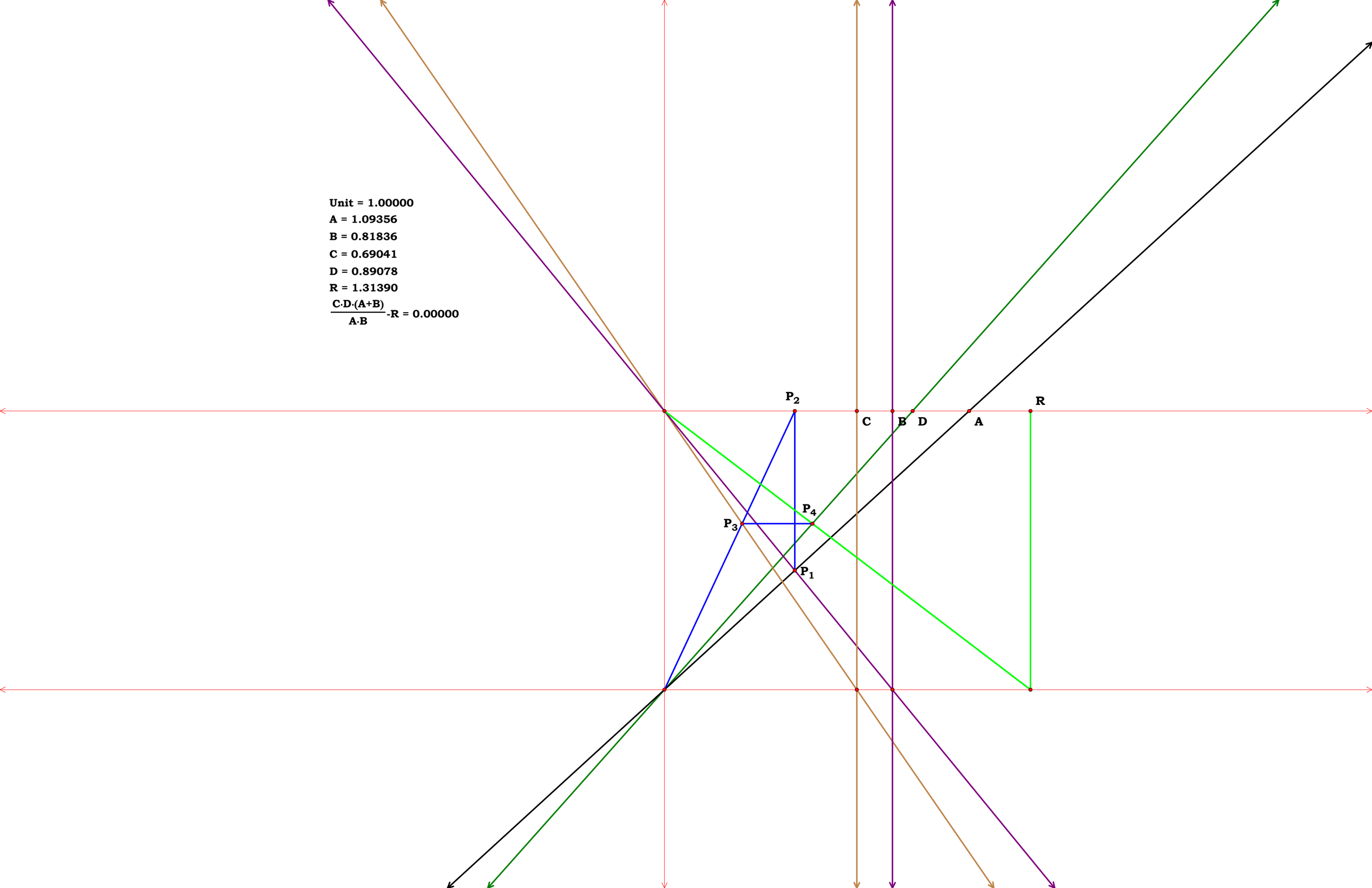

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P_2

B

C

D

A

R

P_3

P_4

P_1

Unit = 1.00000

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C = 1.16115

R = 0.61887

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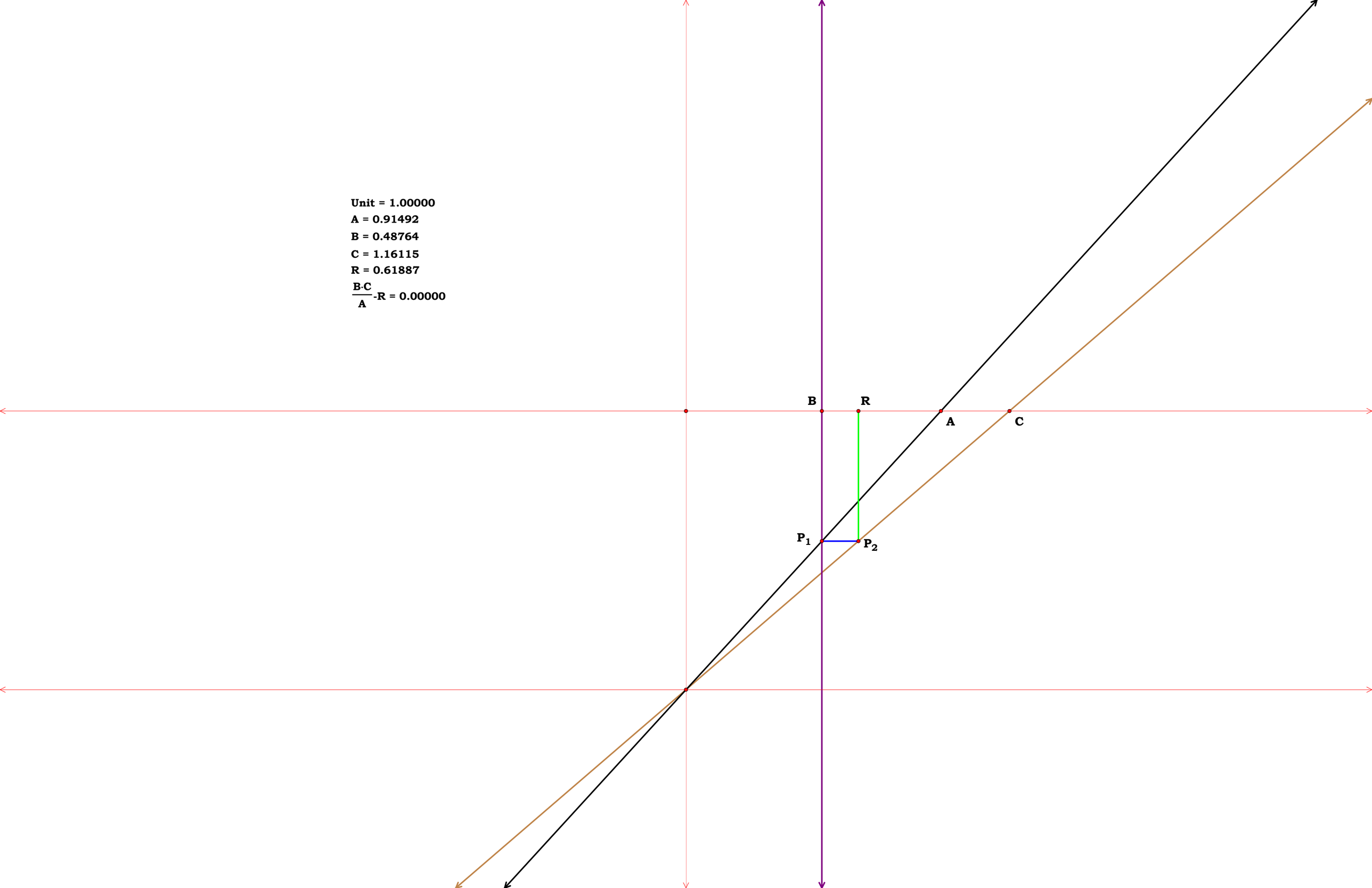

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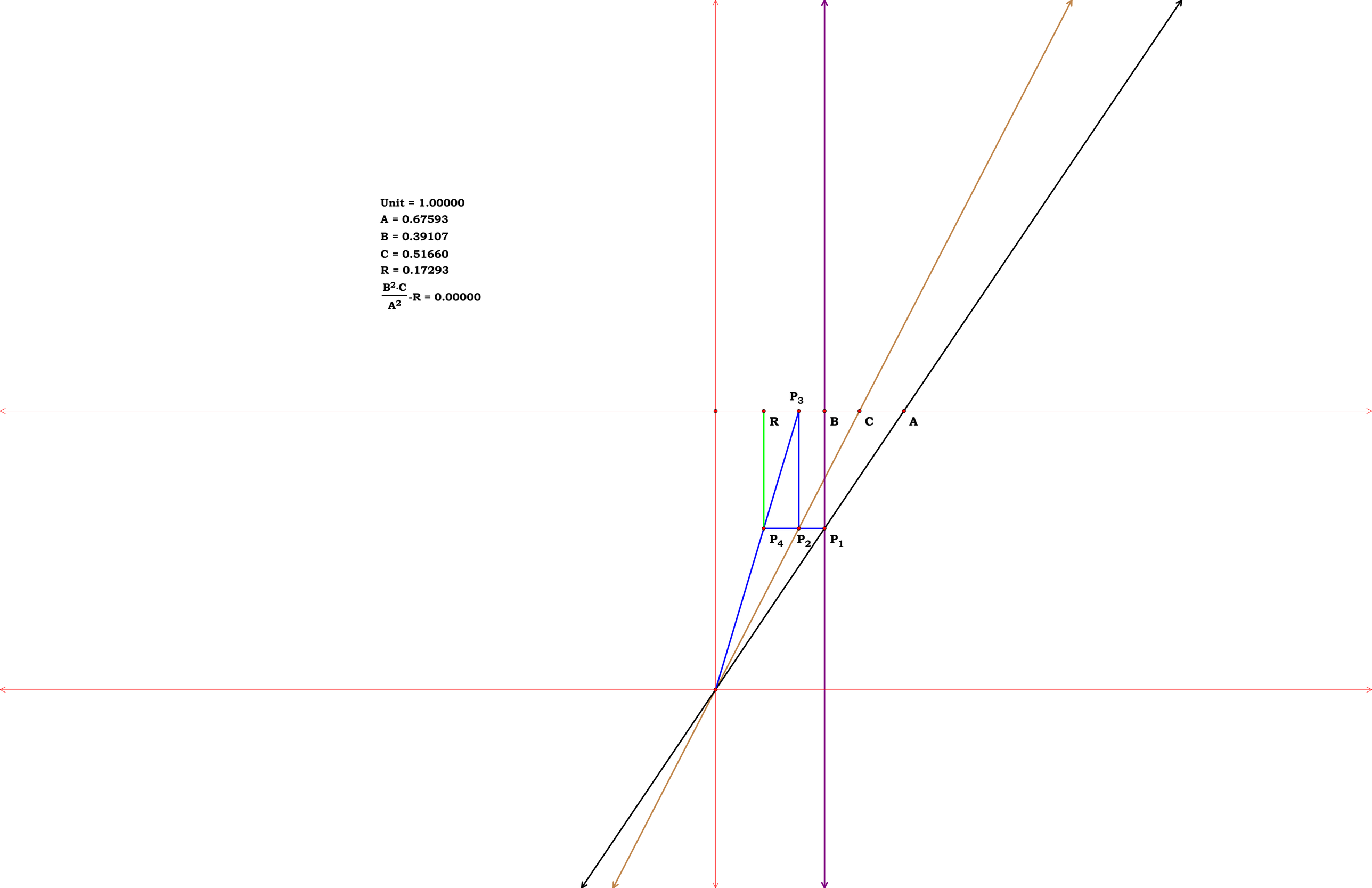

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C = 0.60592

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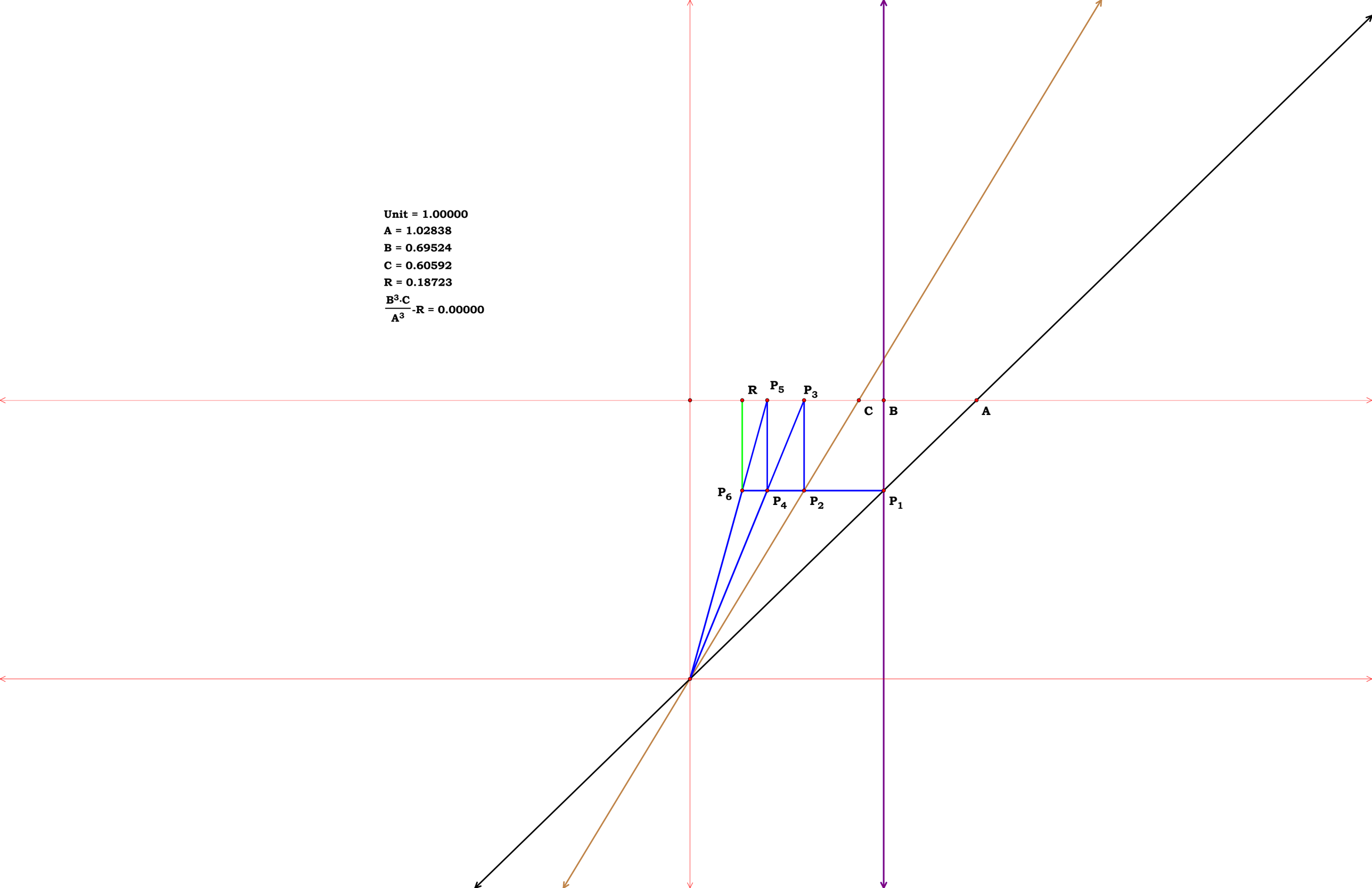

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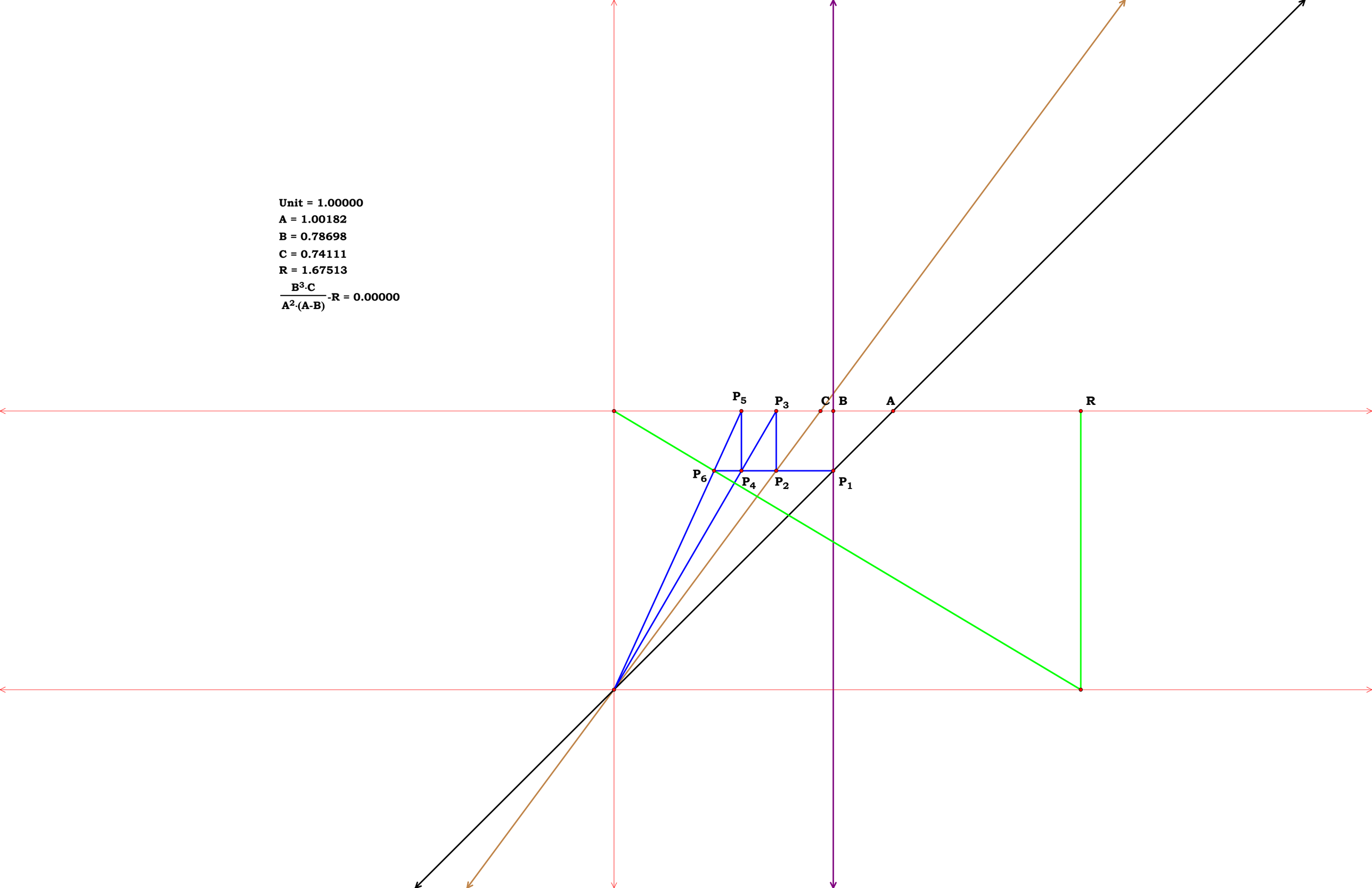

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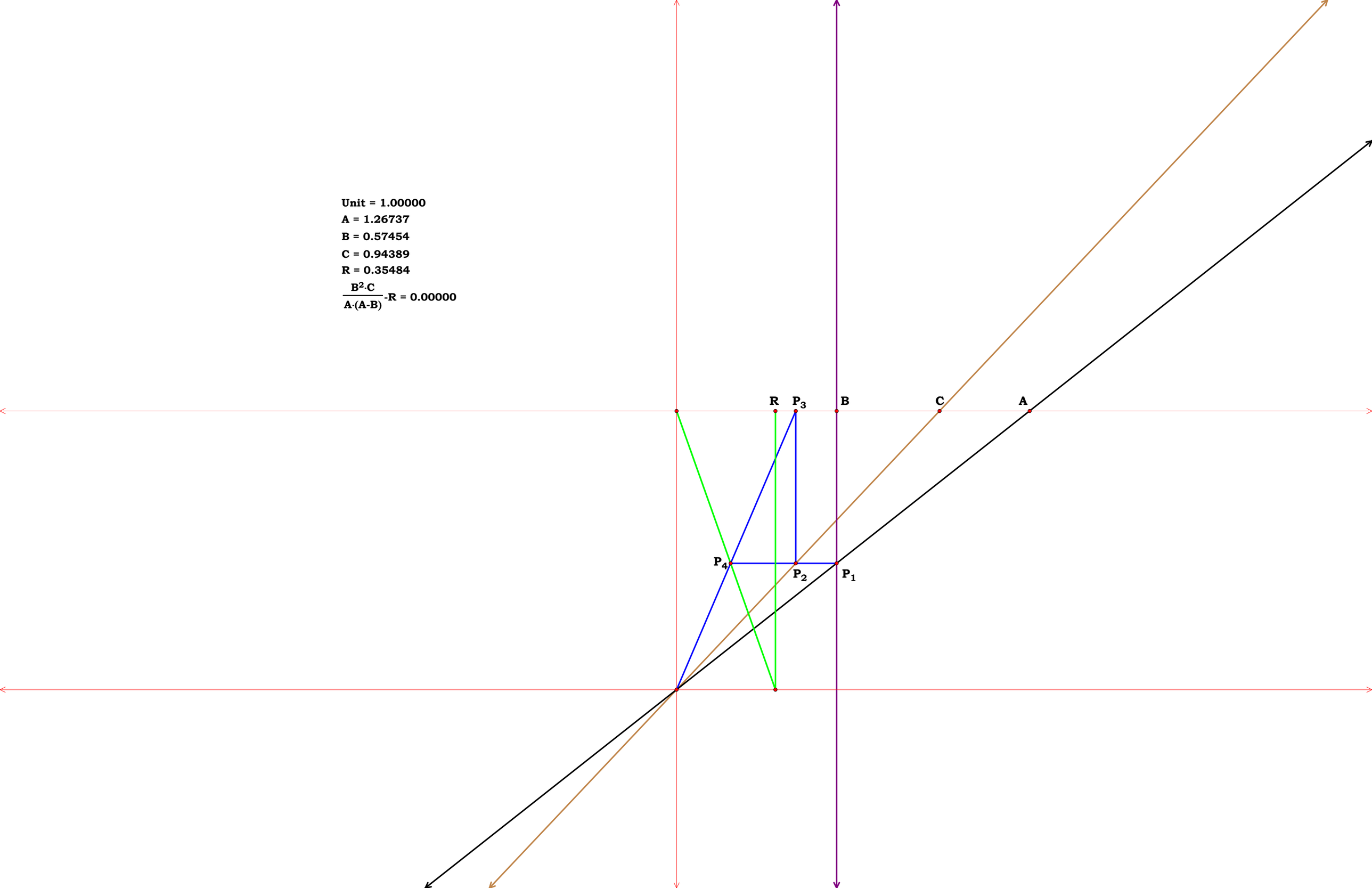

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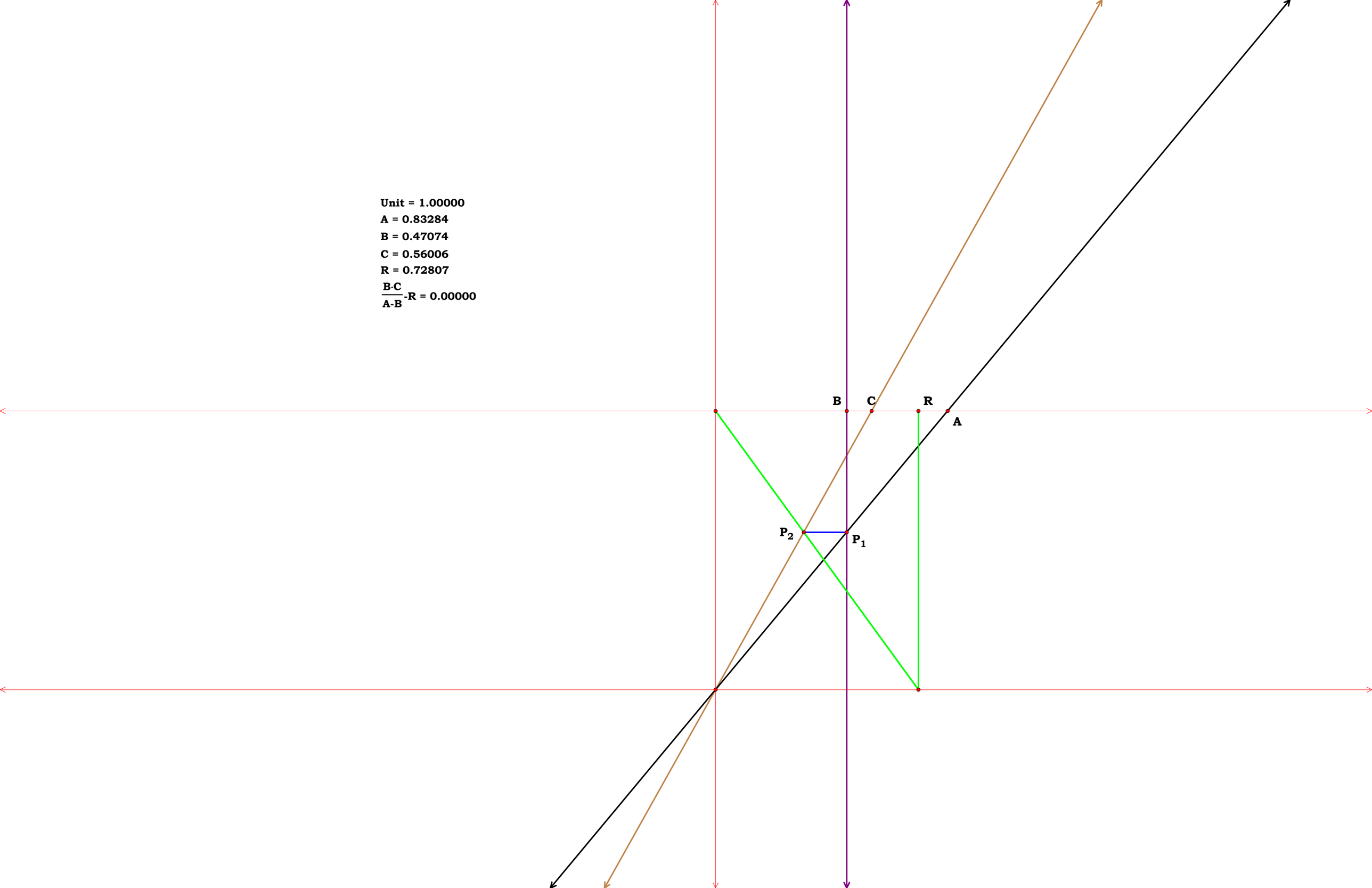


Unit = 1.00000

A = 1.02838

B = 0.74352

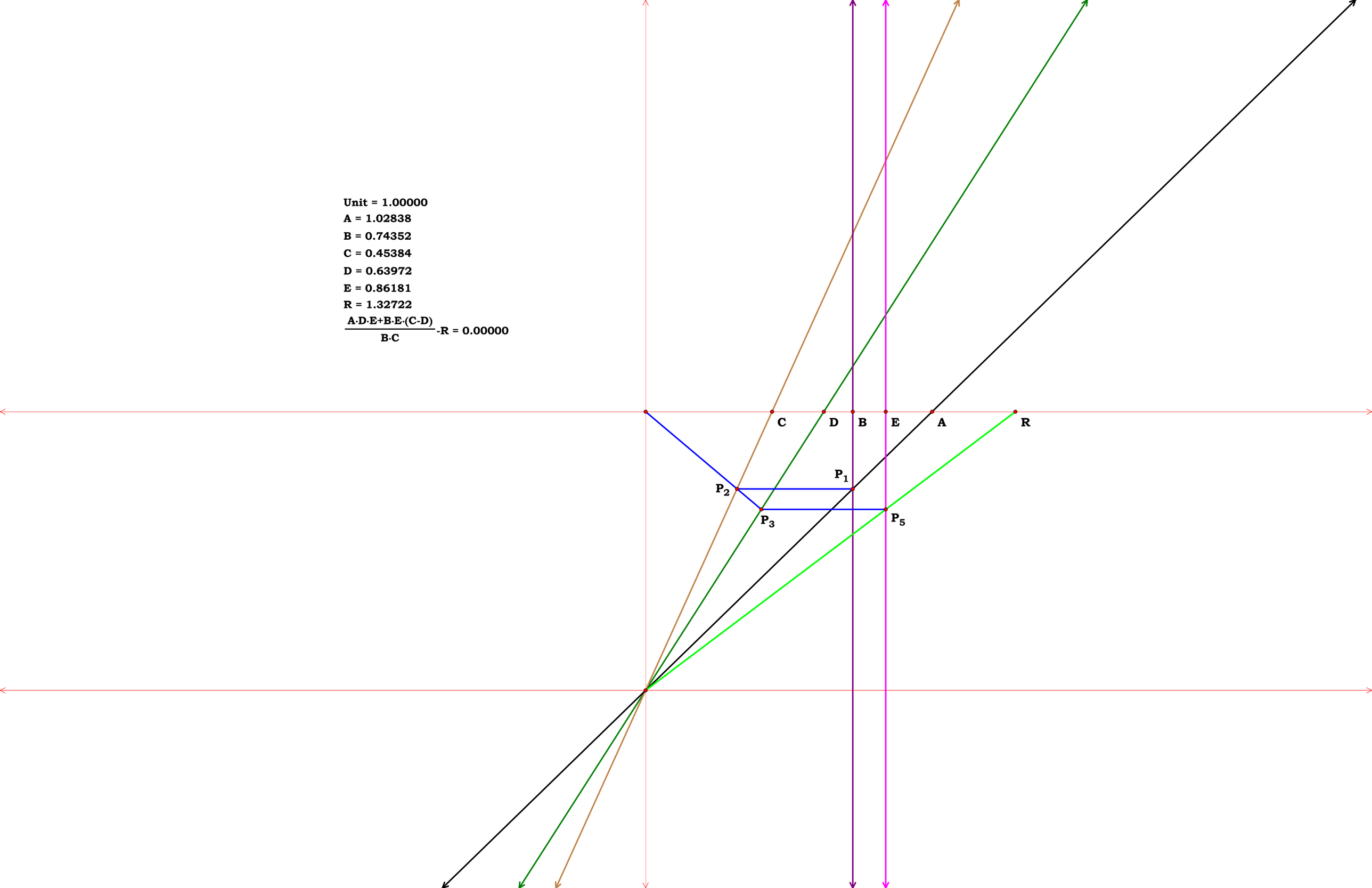
C = 0.45384

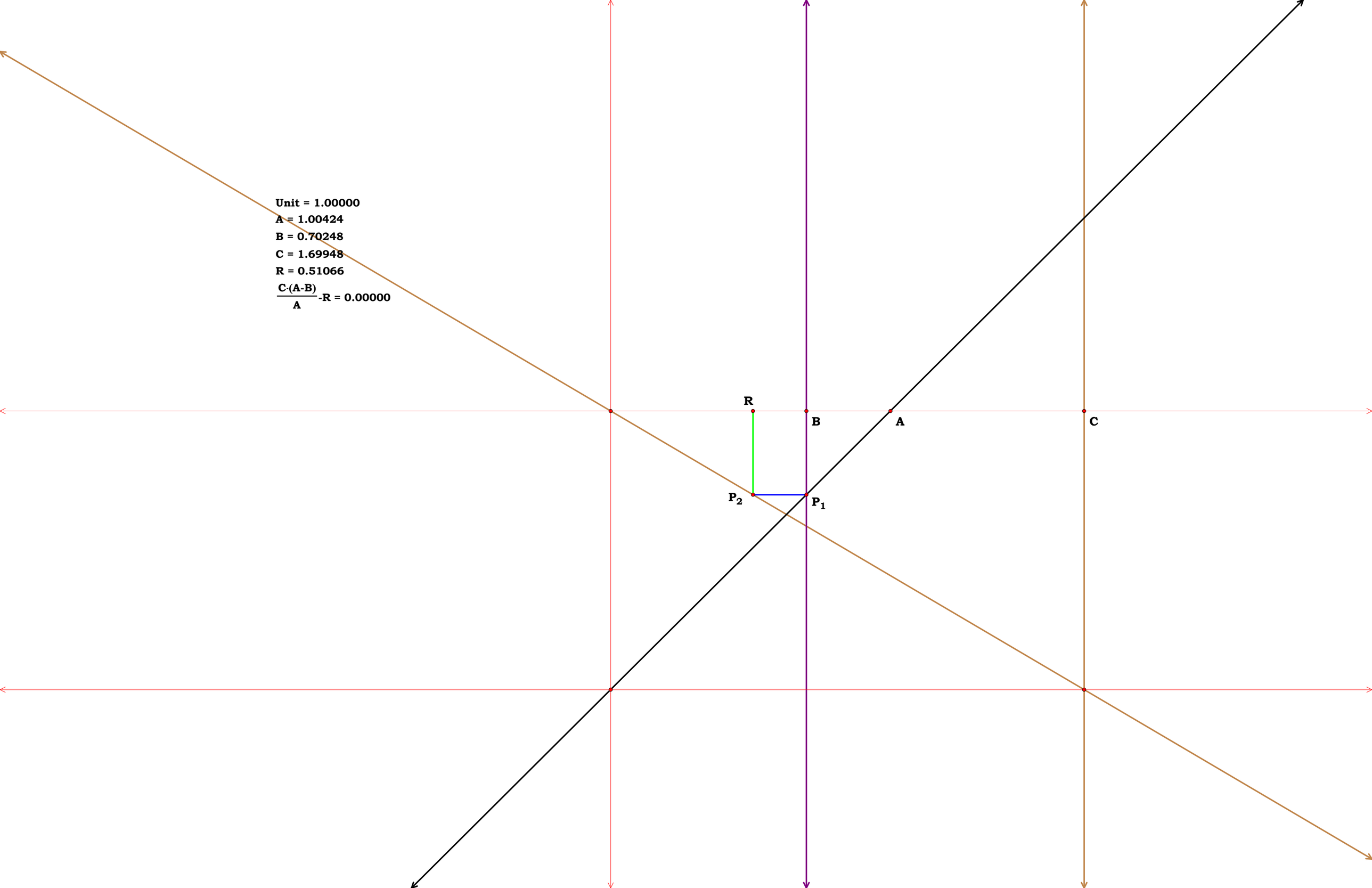
D = 0.63972

E = 0.86181

R = 1.32722

$$\frac{A \cdot D \cdot E + B \cdot E \cdot (C - D)}{B \cdot C} - R = 0.00000$$




Unit = 1.00000
A = 1.00424
B = 0.70248
C = 1.69948
R = 0.51066
$\frac{C\cdot(A-B)}{A}$-R = 0.00000
R
B
A
C
P_2
P_1

Unit = 1.00000

A = 1.55464

B = 1.12253

C = 0.91492

R = 0.35219

$\frac{C\cdot(A-B)}{B}$-R = 0.00000

R

C

B

A

P_2

P_1

Unit = 1.00000
A = 0.95837
B = 0.85940
C = 1.63672
D = 0.53350
E = 0.68559
R = 1.47828
$\frac{A \cdot E \cdot (D-C) + B \cdot C \cdot E}{C \cdot (A-B)} - R = 0.00000$

D
E
B
A
R
C
P_2
P_1
P_3
P_4

Unit = 1.00000

A = 0.97286

B = 0.72904

C = 0.55764

D = 0.70731

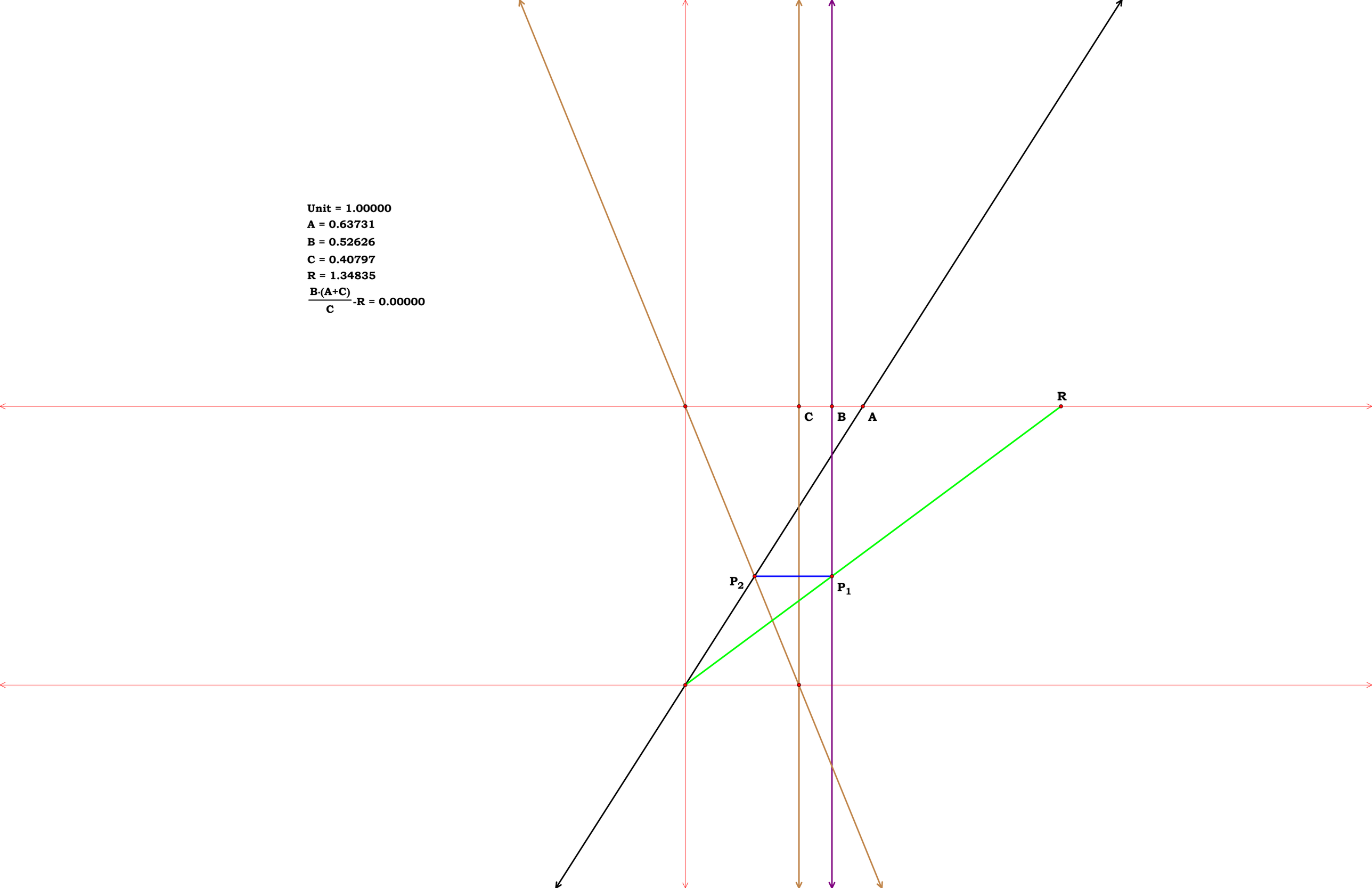
E = 0.35486

R = 1.79598

$$\frac{A \cdot D \cdot E}{A \cdot C - B \cdot C} - R = 0.00000$$

E C B A R

P_2 P_1 P_3 P_4


Unit = 1.00000
A = 0.63731
B = 0.52626
C = 0.40797
R = 1.34835
$\frac{B\cdot(A+C)}{C}$-R = 0.00000
C
B
A
R
P_2
P_1

Unit = 1.00000
A = 0.73628
B = 0.39107
C = 0.55764
D = 1.05976
E = 1.12011
R = 1.48696
$\frac{A \cdot D \cdot E}{A \cdot D - C \cdot (A - B)} - R = 0.00000$

B C A D E R

P_2 P_1 P_3 P_4

Unit = 1.00000

A = 0.19071

B = 0.39107

C = 0.57695

R = 1.57420

$\frac{B\cdot(A+C)}{A}$-R = 0.00000

A

B

C

R

P_1

P_2

Unit = 1.00000

A = 0.19071

B = 0.39107

C = 0.55764

D = 0.70731

E = 0.86181

R = 0.97167

$$\frac{B \cdot C \cdot E}{A \cdot D - B \cdot (C - D)} - R = 0.00000$$

A

B

C

D

E

R

P_1

P_2

P_3

P_4

Unit = 1.00000

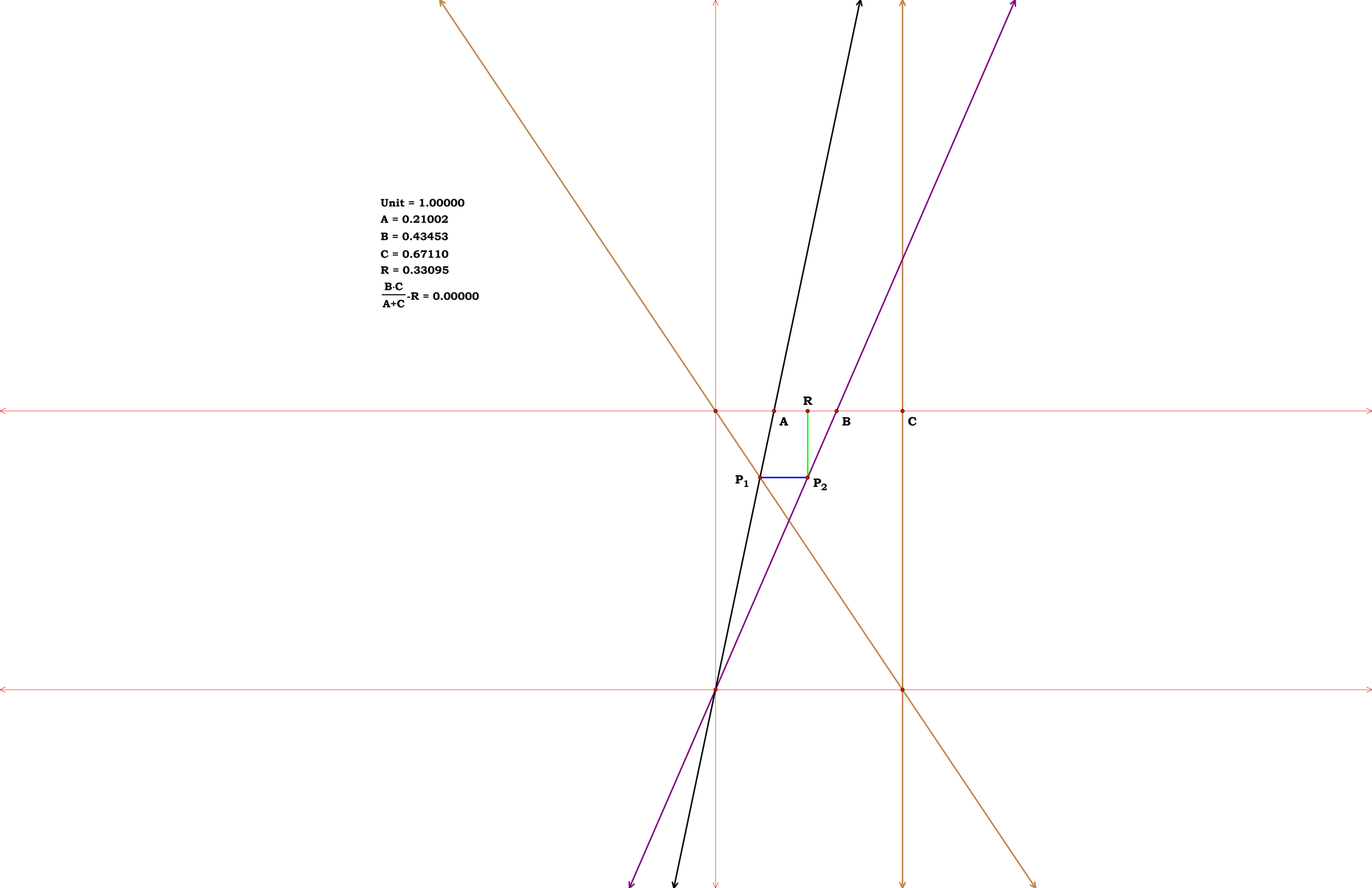
A = 0.21002

B = 0.43453

C = 0.67110

R = 0.33095

$\frac{B \cdot C}{A+C}$-R = 0.00000



Unit = 1.00000

A = 0.19071

B = 0.36693

C = 0.94872

D = 0.76766

R = 0.50749

$$\frac{B \cdot C \cdot D}{A \cdot D - C \cdot (B - D)} - R = 0.00000$$

A

B

R

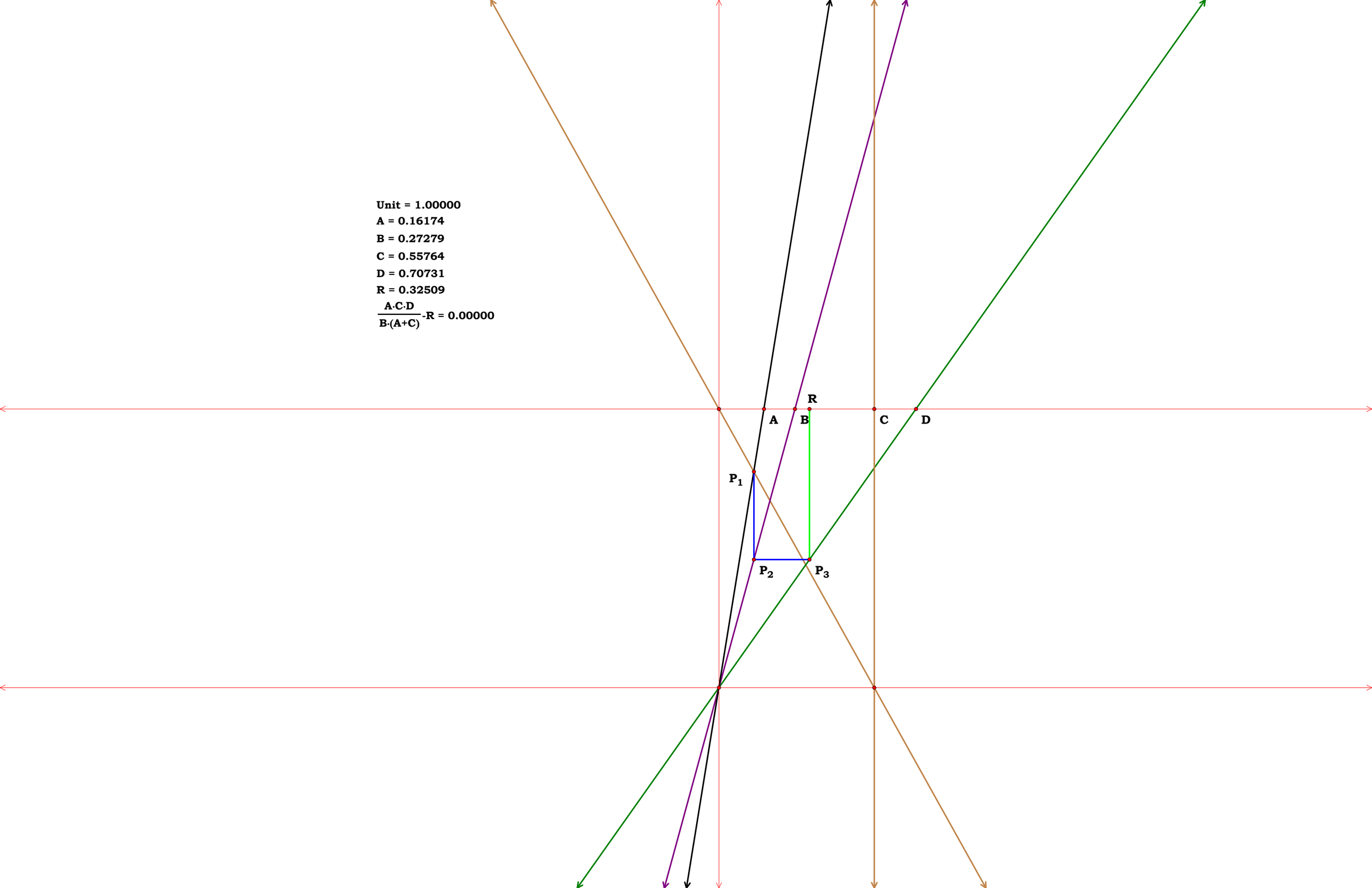
D

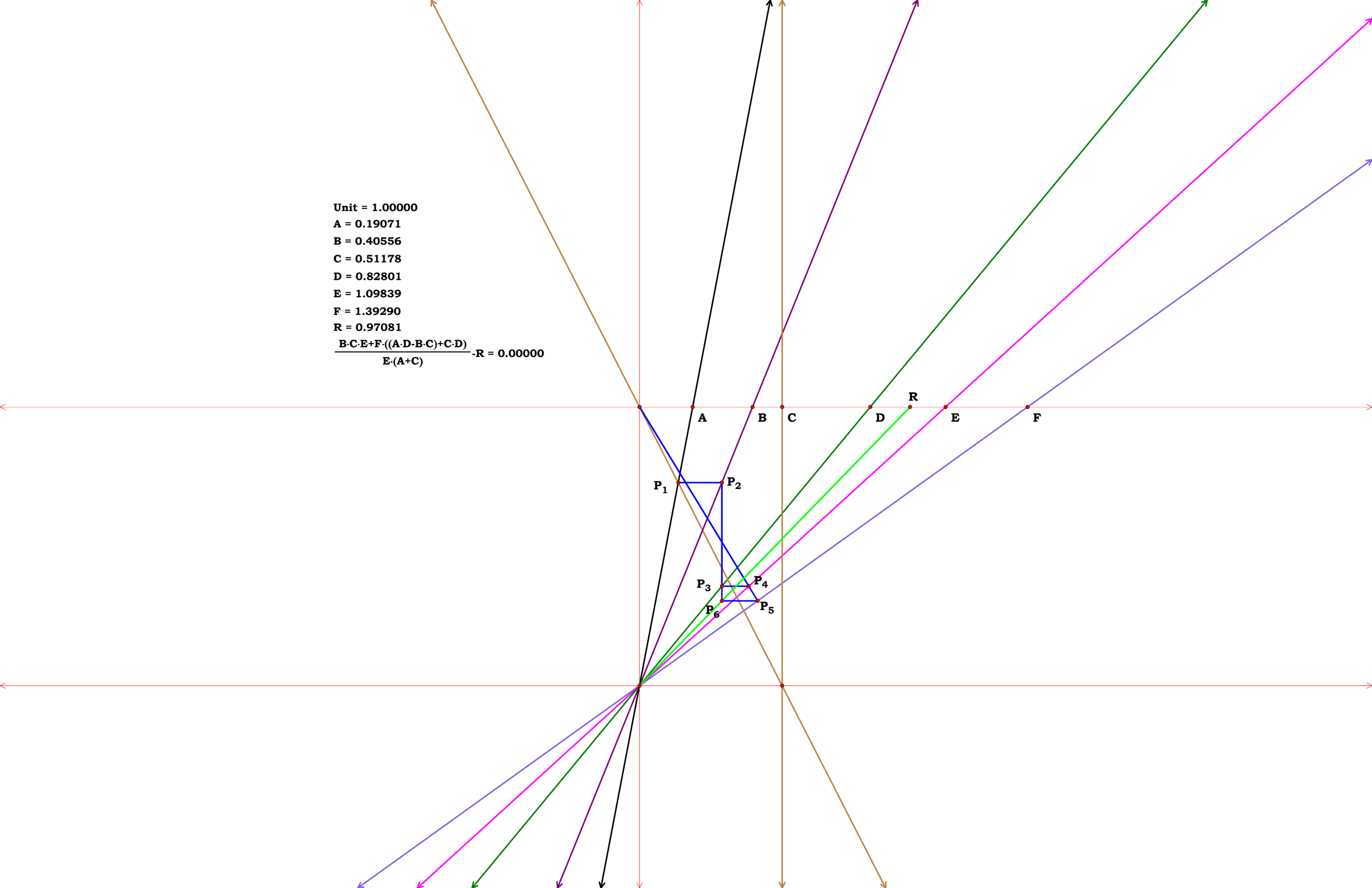
C

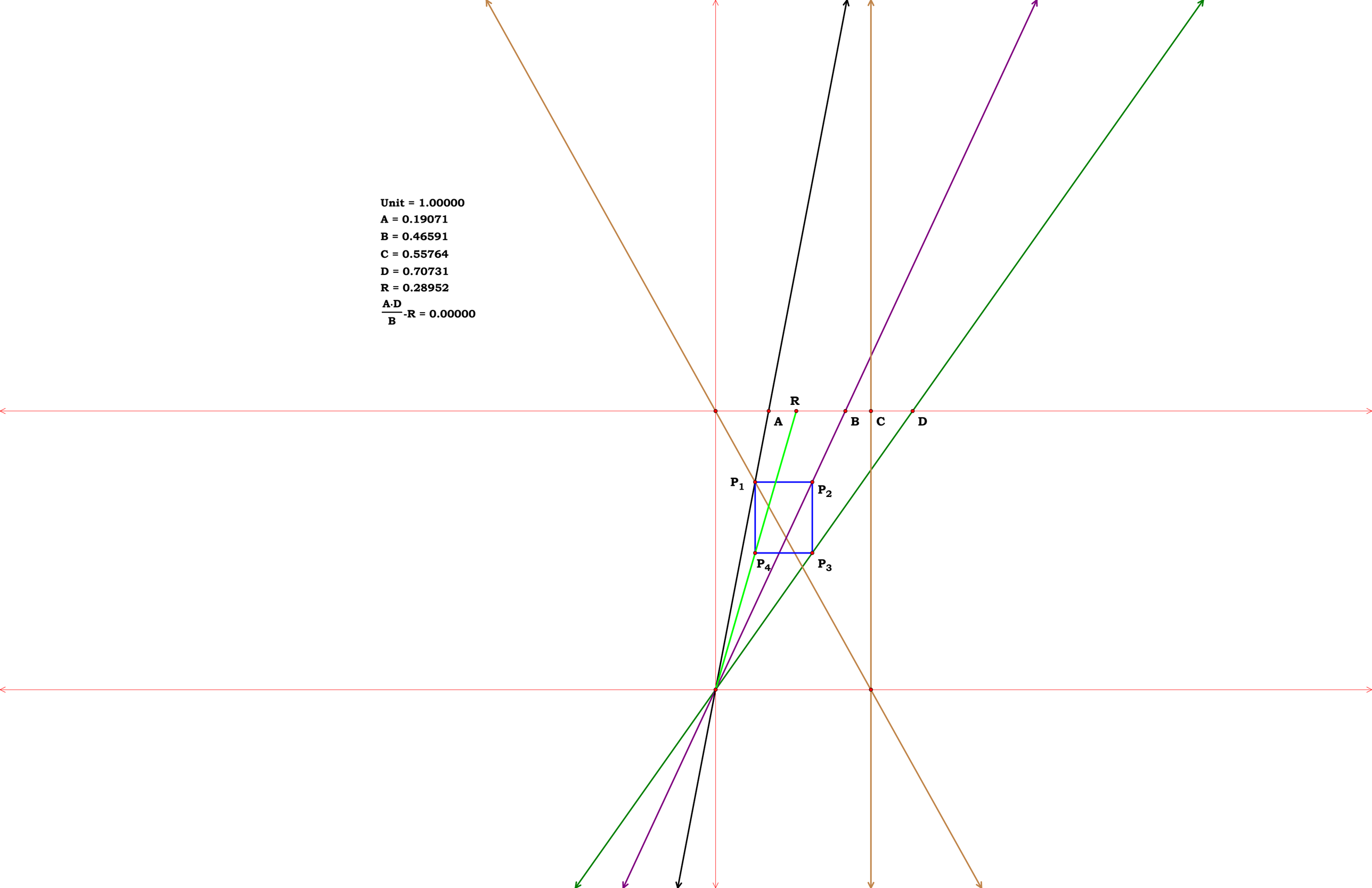
P_1

P_2

P_3


Unit = 1.00000
A = 0.16174
B = 0.27279
C = 0.55764
D = 0.70731
R = 0.32509
$\frac{A \cdot C \cdot D}{B \cdot (A+C)} - R = 0.00000$
R
A
B
C
D
P_1
P_2
P_3


Unit = 1.00000
A = 0.19071
B = 0.40556
C = 0.51178
D = 0.82801
E = 1.09839
F = 1.39290
R = 0.97081
(B·C·E+F·((A·D-B·C)+C·D))/(E·(A+C))-R = 0.00000
A
B
C
D
R
E
F
P1
P2
P3
P4
P5
P6


Unit = 1.00000
A = 0.19071
B = 0.46591
C = 0.55764
D = 0.70731
R = 0.28952
$\frac{A \cdot D}{B}$-R = 0.00000
R
A
B
C
D
P_1
P_2
P_3
P_4

Unit = 1.00000

A = 0.94147

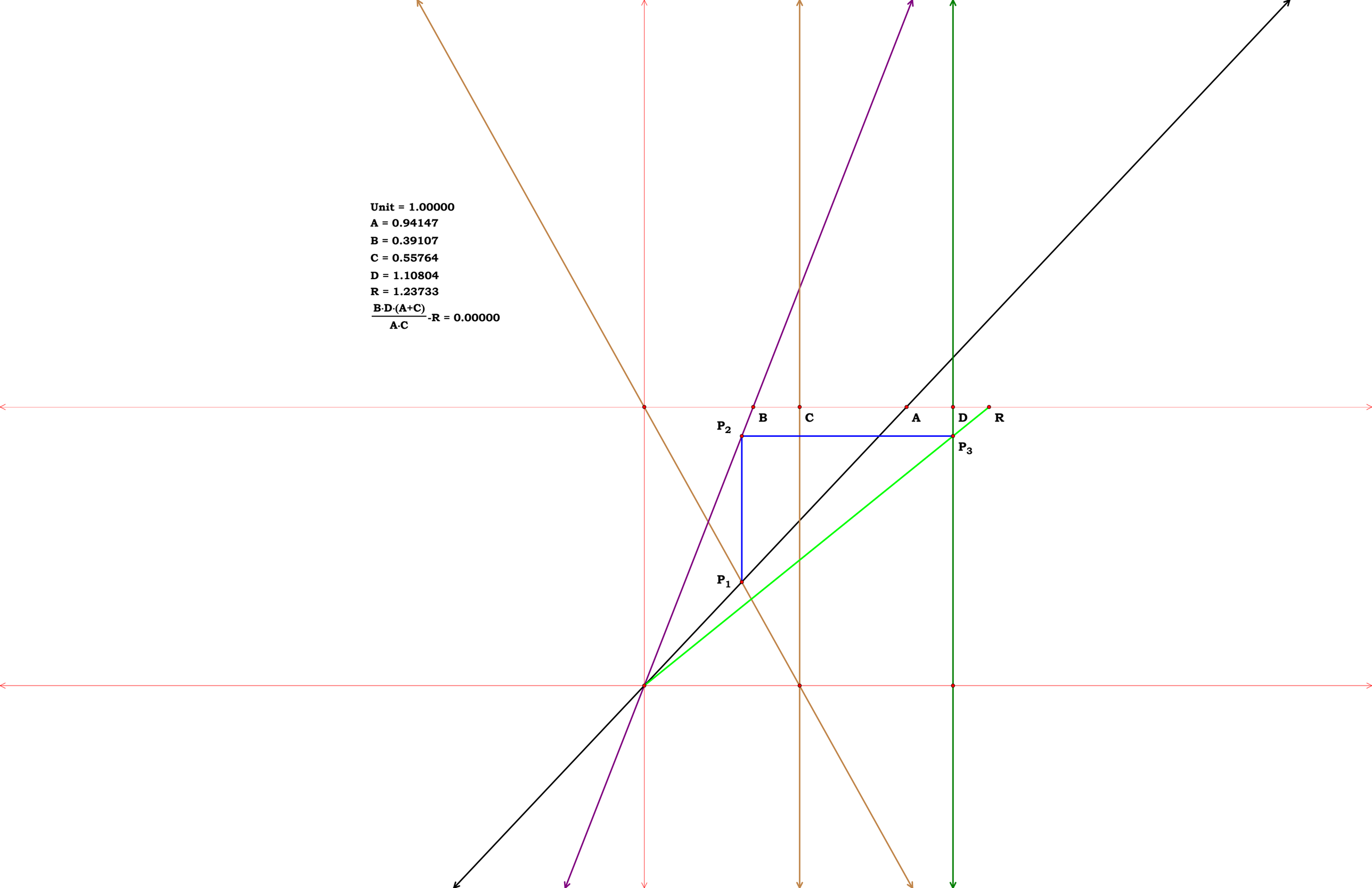
B = 0.39107

C = 0.55764

D = 1.10804

R = 1.23733

$\frac{B \cdot D \cdot (A+C)}{A \cdot C} - R = 0.00000$



Unit = 1.00000

A = 0.19071

B = 0.39107

C = 0.55764

D = 0.70731

E = 0.86181

R = 1.22996

$$\frac{E\cdot((A\cdot D-B\cdot C)+C\cdot D)}{B\cdot C}-R = 0.00000$$

A

B

C

D

E

R

P_1

P_2

P_3

P_4

Unit = 1.00000

A = 0.22692

B = 0.62765

C = 0.55764

D = 0.87871

E = 1.15391

F = 1.42187

R = 0.35401

$$\frac{A\cdot B\cdot C\cdot(E-F)+A\cdot D\cdot F\cdot(A+C)}{B\cdot E\cdot(A+C)}-R = 0.00000$$

C

A

R

B

D

E

F

P_1

P_2

P_3

P_4

P_5

P_6

Unit = 1.00000

A = 0.12794

B = 0.35004

C = 0.50453

D = 0.66145

E = 0.86181

F = 1.08149

G = 0.81594

R = 1.40161

$$\frac{F\cdot G\cdot((A\cdot D-B\cdot C)+C\cdot D)}{B\cdot C\cdot E}-R = 0.00000$$

A B C D G E F R

P_1 P_2 P_3 P_4 P_5 P_6

Unit = 1.00000

A = 0.19071

B = 0.39107

C = 0.55764

D = 0.70731

E = 0.86181

F = 0.48522

R = 1.14174

$$\frac{B\cdot E\cdot F\cdot(A+C)-A\cdot C\cdot D\cdot F}{A\cdot C\cdot D}-R = 0.00000$$

A B F C D E R

P_1 P_2 P_3 P_4 P_5

Unit = 1.00000
A = 0.25106
B = 0.38142
C = 0.53350
D = 0.68800
E = 0.92940
F = 1.09839
R = 1.35378
$\frac{F\cdot(A\cdot D\cdot E-B\cdot C\cdot D-C\cdot E\cdot(B-D))}{B\cdot C\cdot D}-R = 0.00000$

A B C D E F R

P_1 P_2 P_3 P_4 P_5 P_6

Unit = 1.00000

A = 0.16657

B = 0.43935

C = 0.54557

D = 0.69283

R = 1.34744

$$\frac{D^2\cdot(A+C)}{(A\cdot D-B\cdot C)+C\cdot D}-R = 0.00000$$

A

B

C

D

R

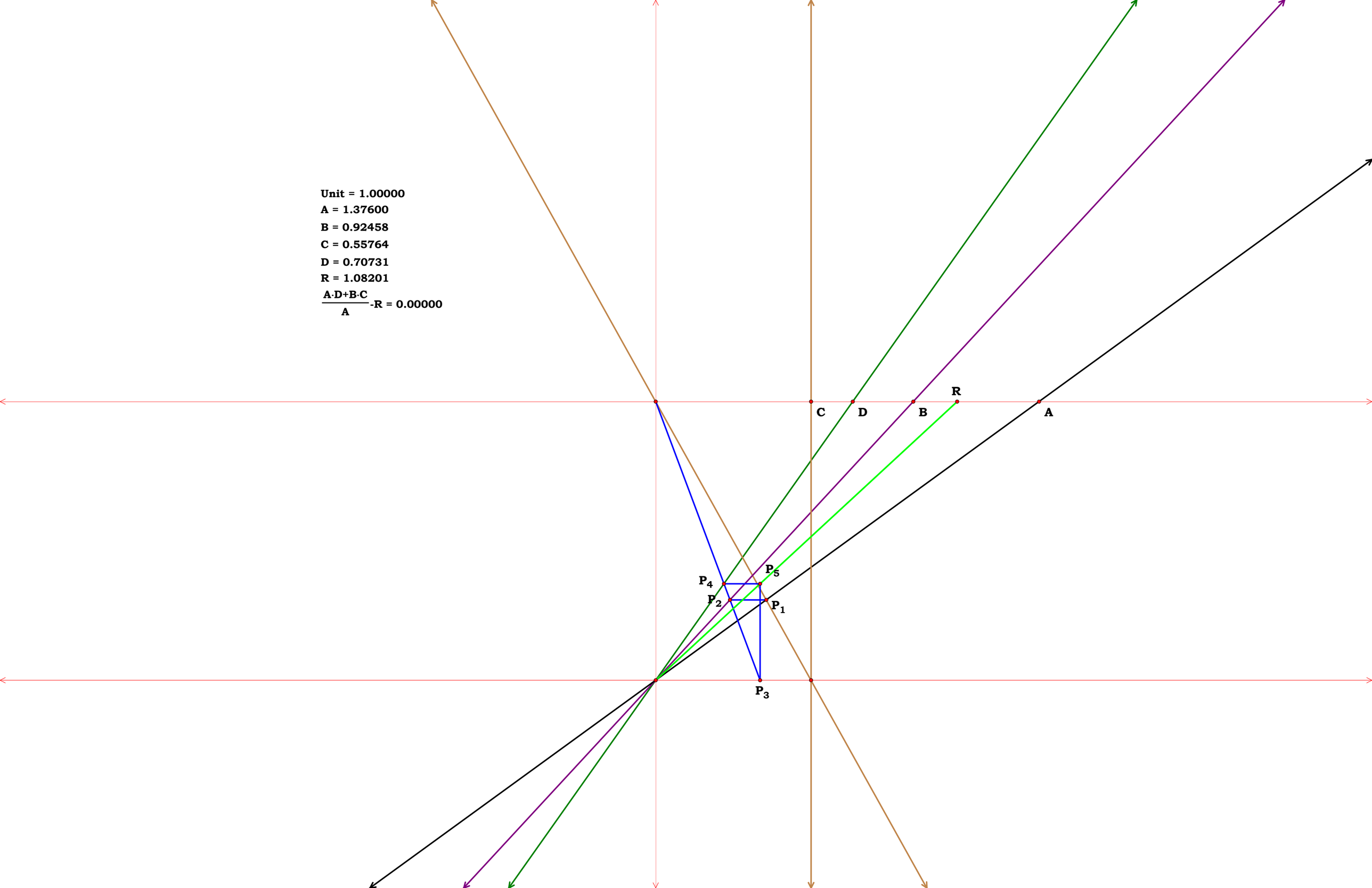
P_1

P_2

P_3

P_4

P_5


Unit = 1.00000
A = 1.37600
B = 0.92458
C = 0.55764
D = 0.70731
R = 1.08201
(A·D+B·C)/A -R = 0.00000
C
D
B
R
A
P4
P5
P2
P1
P3

Unit = 1.00000

A = 0.19071

B = 0.39107

C = 0.57937

D = 0.70731

E = 0.86181

R = 0.51307

$\frac{A \cdot D \cdot E}{B \cdot C}$ - R = 0.00000

R

A

B

C

D

E

P_1

P_2

P_3

P_4

Unit = 1.00000

A = 0.21485

B = 0.13760

C = 0.33555

D = 0.70731

E = 0.86181

R = 1.01986

$\frac{D \cdot E \cdot (A-B)}{B \cdot C} - R = 0.00000$

B A C D E R

P_1 P_2 P_3 P_4

Unit = 1.00000

A = 0.19071

B = 0.48764

C = 0.55764

D = 0.70731

E = 0.86181

F = 1.07907

G = 0.26796

R = 0.94087

$$\frac{C \cdot F \cdot G \cdot (A+B)}{A \cdot D \cdot E} - R = 0.00000$$

A G B C D E R F

P_1 P_2 P_3 P_4 P_5 P_6 P_7

Unit = 1.00000

A = 0.19071

B = 0.39107

C = 0.36211

D = 0.50212

E = 0.86181

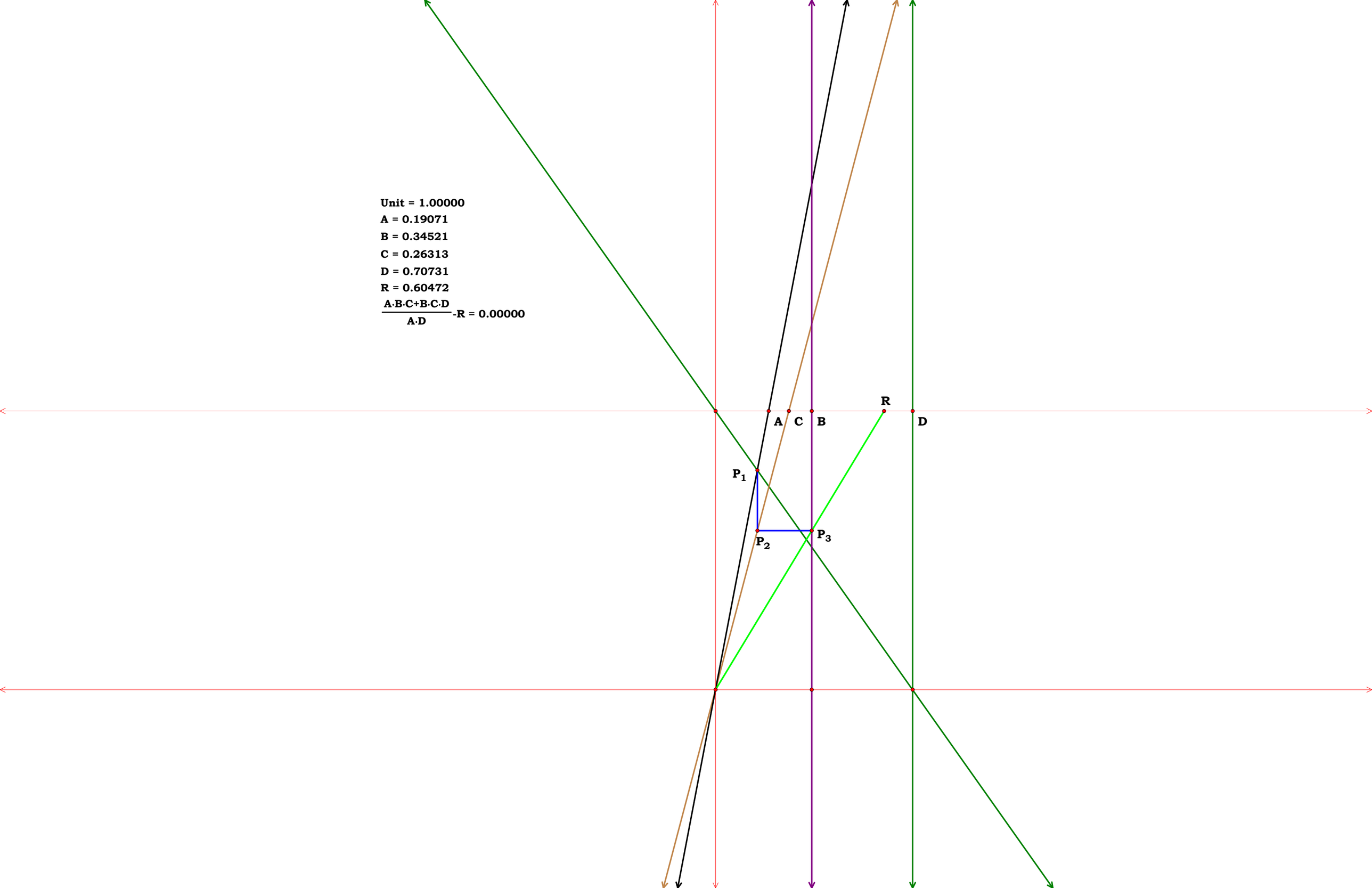
F = 0.63489

R = 1.15821

$$\frac{E\cdot F\cdot((A\cdot D-B\cdot C)+B\cdot D)}{B\cdot C\cdot D}-R = 0.00000$$

A C B D F E R

P_1 P_2 P_3 P_4 P_5 P_6


Unit = 1.00000
A = 0.19071
B = 0.34521
C = 0.26313
D = 0.70731
R = 0.60472
(A·B·C+B·C·D)/(A·D) -R = 0.00000
A
C
B
D
R
P1
P2
P3

Unit = 1.00000

A = 0.31865

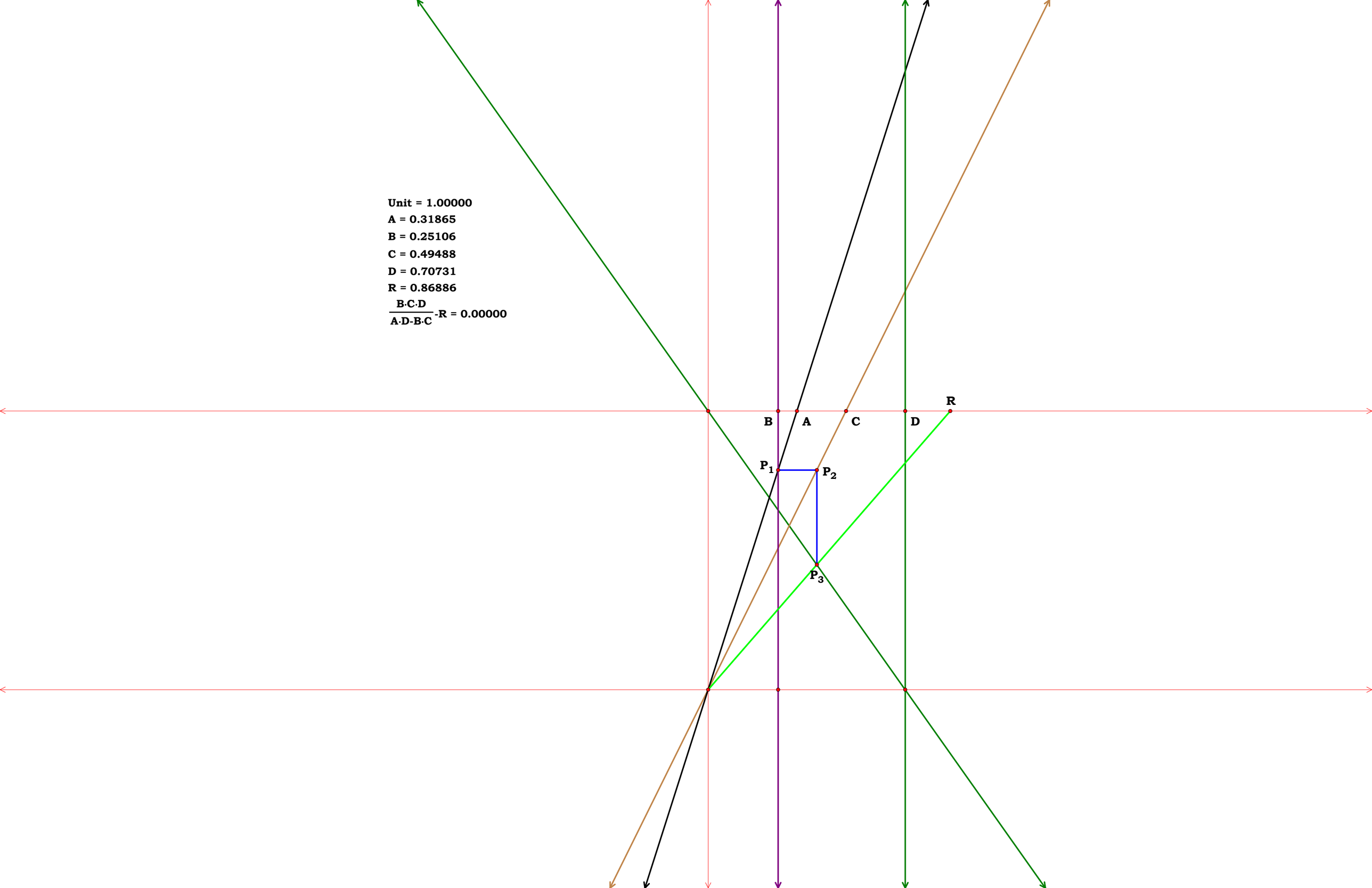
B = 0.25106

C = 0.49488

D = 0.70731

R = 0.86886

$\frac{B \cdot C \cdot D}{A \cdot D - B \cdot C} - R = 0.00000$



Unit = 1.00000

A = 0.19795

B = 0.39107

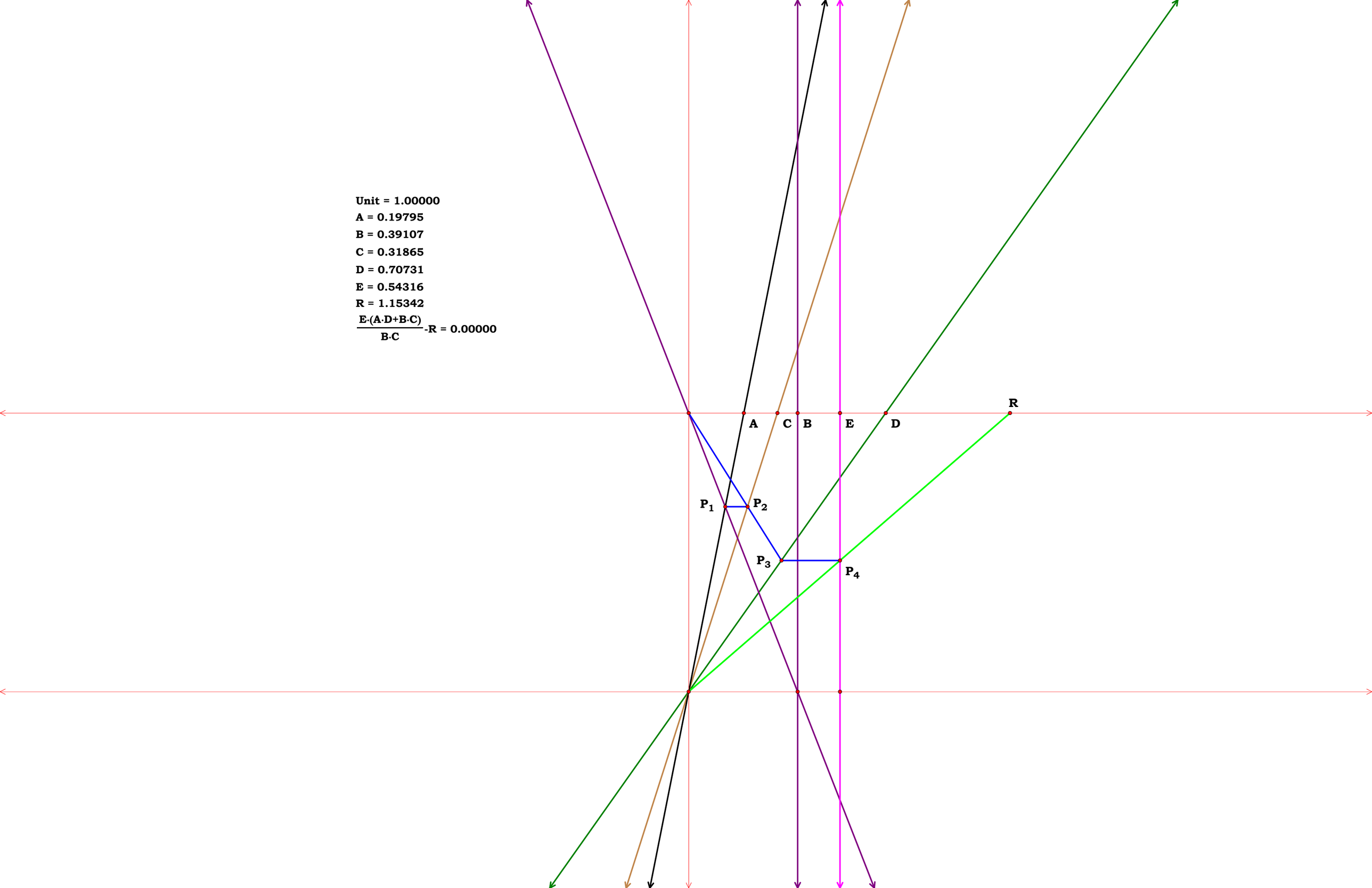
C = 0.31865

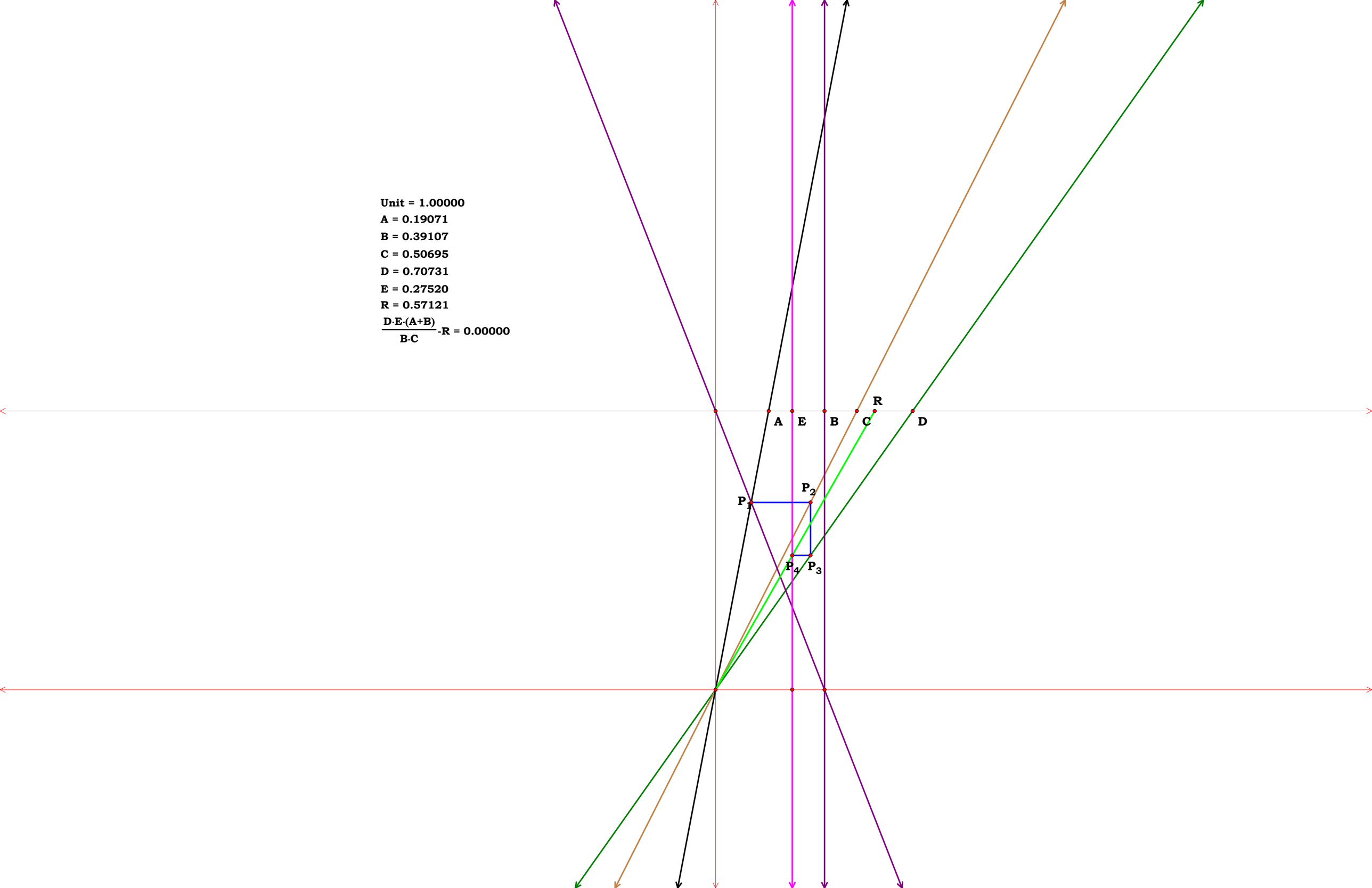
D = 0.70731

E = 0.54316

R = 1.15342

$\frac{E\cdot(A\cdot D+B\cdot C)}{B\cdot C}$-R = 0.00000




Unit = 1.00000
A = 0.19071
B = 0.39107
C = 0.50695
D = 0.70731
E = 0.27520
R = 0.57121
$\frac{D \cdot E \cdot (A+B)}{B \cdot C} - R = 0.00000$
A
E
B
C
R
D
P_1
P_2
P_3
P_4

Unit = 1.00000

A = 0.32831

B = 0.23658

C = 0.45867

D = 0.70731

E = 0.51419

R = 0.96521

$$\frac{A \cdot D \cdot E}{A \cdot D - B \cdot C} - R = 0.00000$$

B A C E D R

P_1 P_2 P_3

Unit = 1.00000

A = 1.47498

B = 0.31624

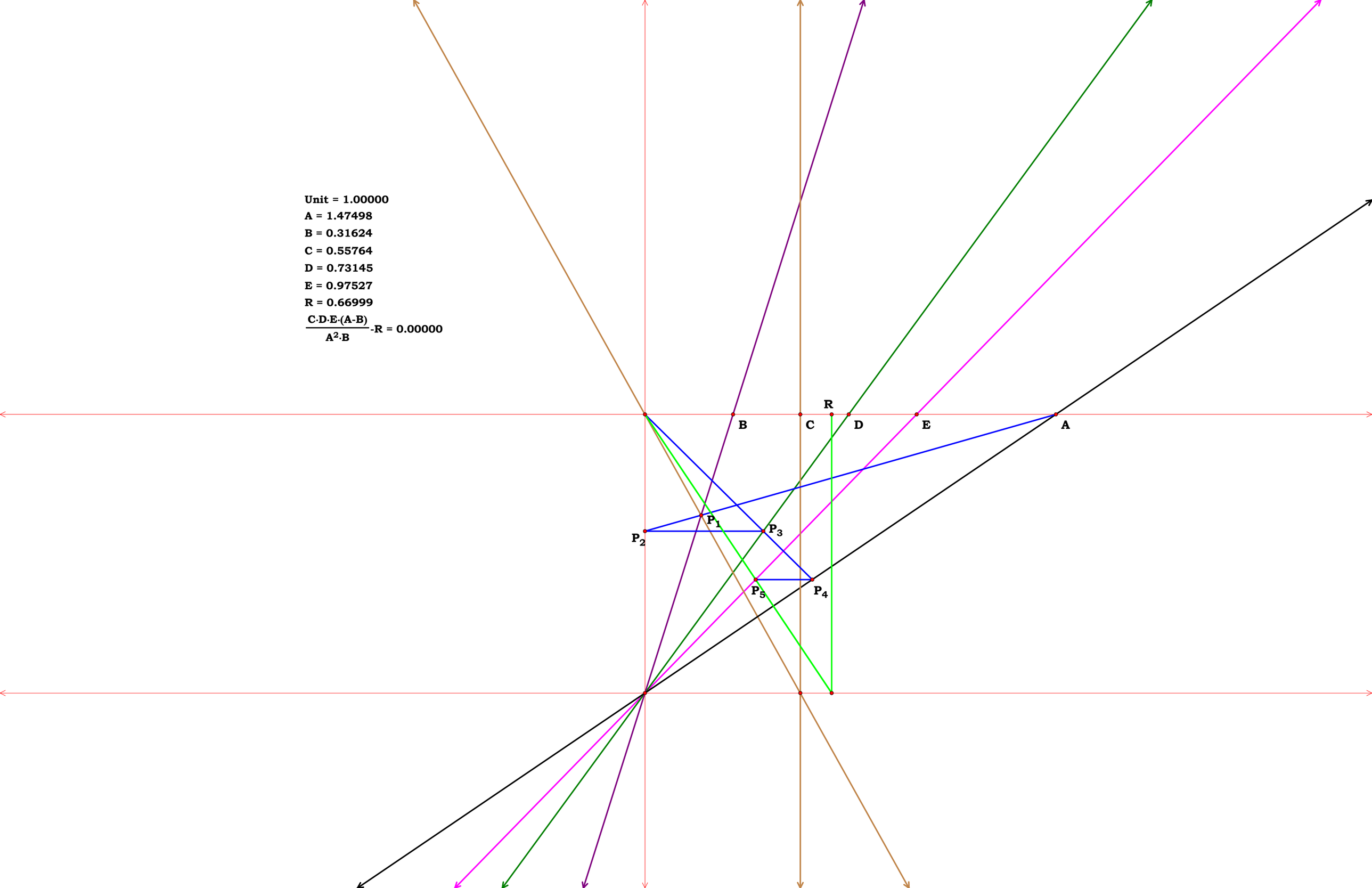
C = 0.55764

D = 0.73145

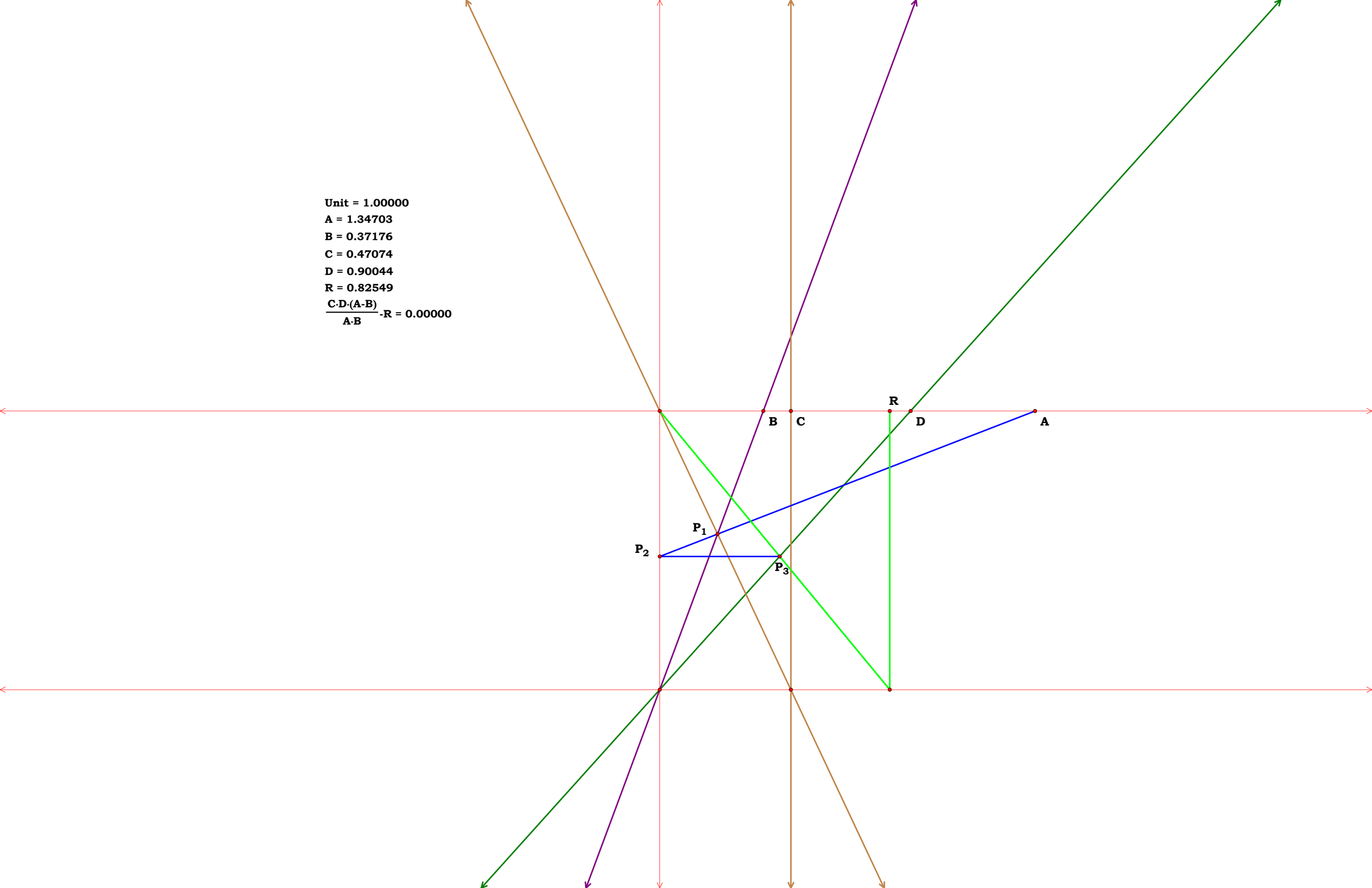
E = 0.97527

R = 0.66999

$\frac{C \cdot D \cdot E \cdot (A-B)}{A^2 \cdot B} - R = 0.00000$



Unit = 1.00000
A = 1.34703
B = 0.37176
C = 0.47074
D = 0.90044
R = 0.82549
$\frac{C \cdot D \cdot (A-B)}{A \cdot B} - R = 0.00000$



Unit = 1.00000

A = 1.13701

B = 0.46591

C = 0.55764

D = 0.67110

R = 0.39327

$$\frac{A \cdot B \cdot D}{(A \cdot B + A \cdot C) - B \cdot C} - R = 0.00000$$

R

B

C

D

A

P_1

P_2

P_3

Unit = 1.00000

A = 1.22633

B = 1.05252

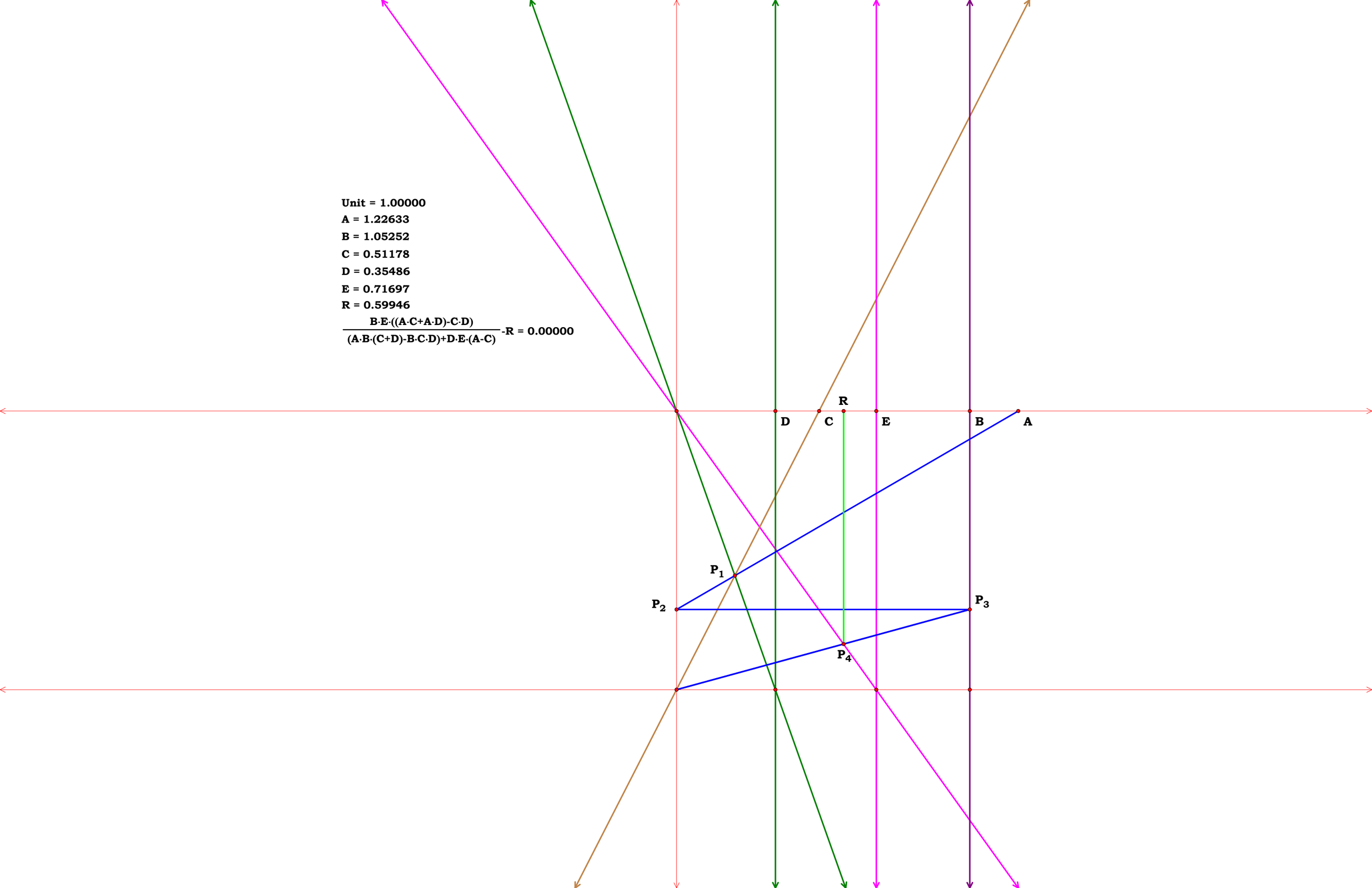
C = 0.51178

D = 0.35486

E = 0.71697

R = 0.59946

$$\frac{B\cdot E\cdot((A\cdot C+A\cdot D)-C\cdot D)}{(A\cdot B\cdot(C+D)-B\cdot C\cdot D)+D\cdot E\cdot(A-C)}-R = 0.00000$$



Unit = 1.00000

A = 1.06459

B = 0.39107

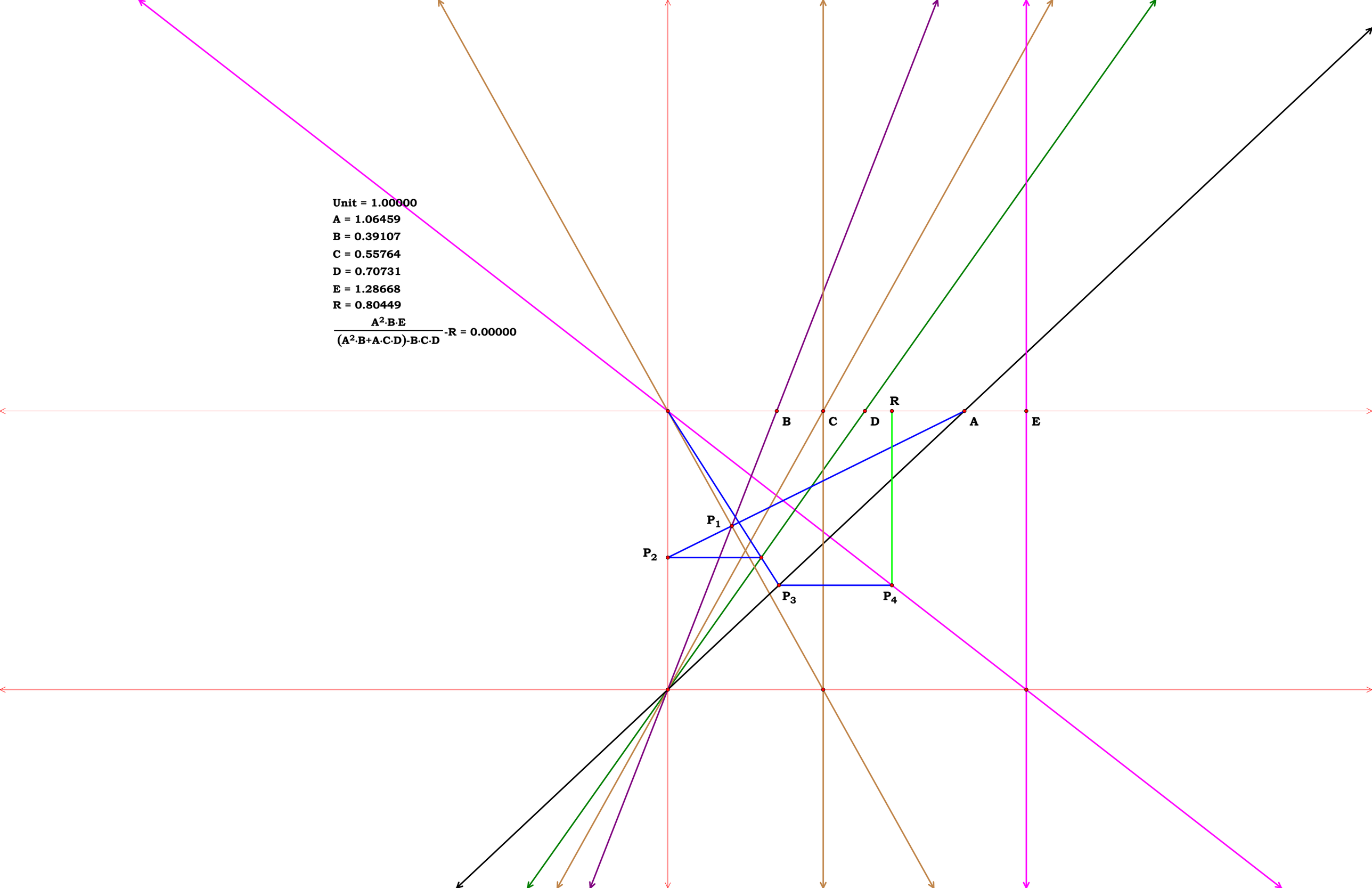
C = 0.55764

D = 0.70731

E = 1.28668

R = 0.80449

$$\frac{A^2 \cdot B \cdot E}{(A^2 \cdot B + A \cdot C \cdot D) - B \cdot C \cdot D} - R = 0.00000$$



Unit = 1.00000

A = 1.21909

B = 0.89802

C = 1.00182

D = 1.64637

E = 0.42246

F = 0.72421

R = 0.55528

$$\frac{E\cdot F\cdot\left(A^2\cdot C+B\cdot D\cdot(A-C)\right)}{A\cdot E\cdot(A\cdot C+B\cdot D)+B\cdot D\cdot(A\cdot F-C\cdot E-C\cdot F)}-R = 0.00000$$

R

E F B C A D

P_1

P_2 P_3 P_4 P_5 P_6

Unit = 1.00000

A = 1.12253

B = 0.39107

C = 0.27037

D = 0.62524

E = 0.52385

R = 0.84423

$$\frac{E\cdot((A^2\cdot C+A\cdot B\cdot D)-B\cdot C\cdot D)}{A^2\cdot C}-R = 0.00000$$

C B E D R A

P_1 P_2 P_3 P_4 P_5

Unit = 1.00000

A = 1.35910

B = 0.39832

C = 0.19554

D = 0.28244

E = 0.86181

F = 0.50695

R = 0.64431

$$\frac{A^2 \cdot C \cdot E \cdot F}{(A^2 \cdot C \cdot E - A \cdot B \cdot D \cdot F) + B \cdot C \cdot D \cdot F} - R = 0.00000$$

C D B F R E A

P_1 P_2 P_3 P_4 P_5 P_6

Unit = 1.00000

A = 0.55764

B = 0.39107

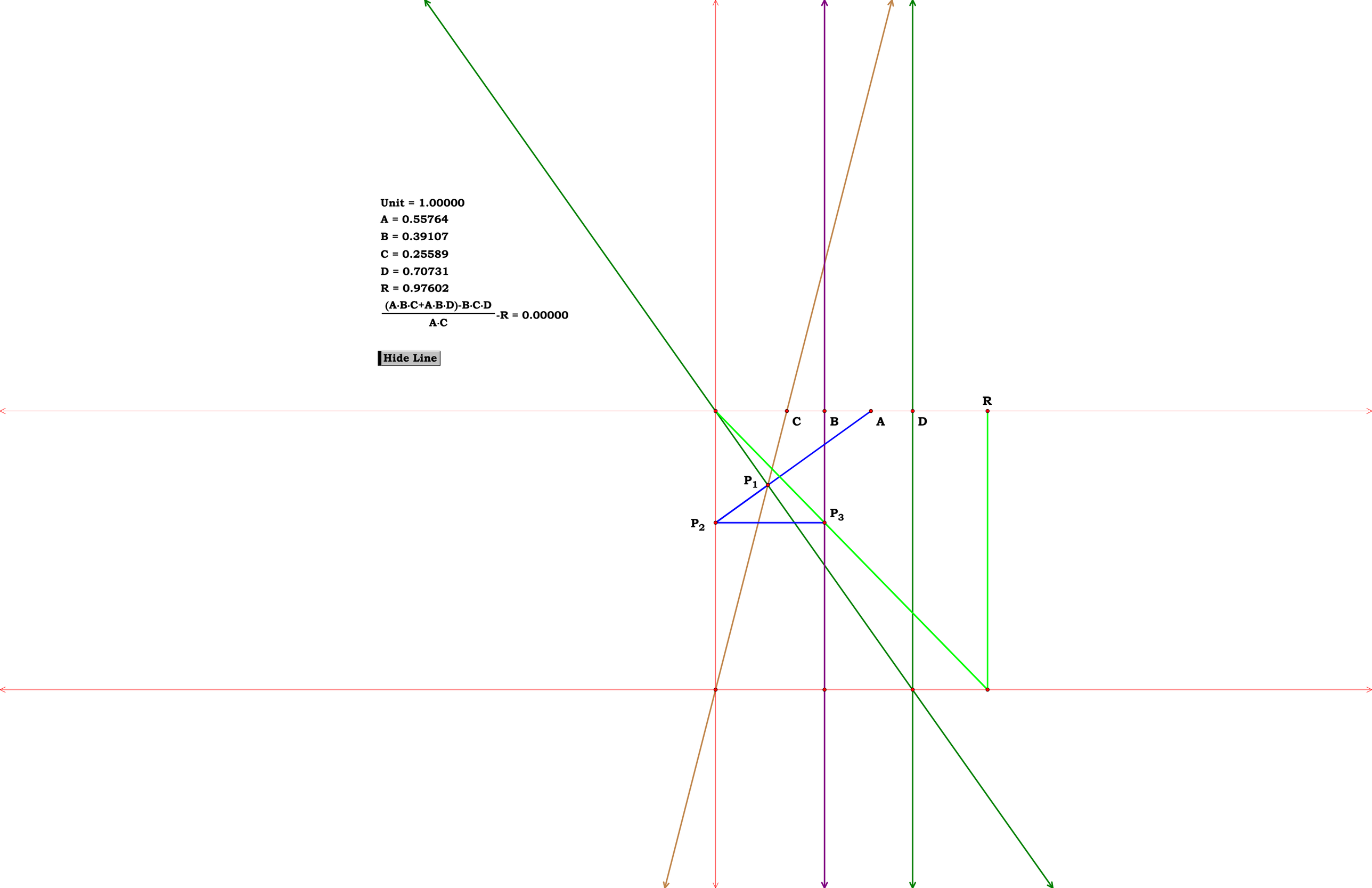
C = 0.25589

D = 0.70731

R = 0.97602

$$\frac{(A\cdot B\cdot C+A\cdot B\cdot D)-B\cdot C\cdot D}{A\cdot C}-R = 0.00000$$

Hide Line



Unit = 1.00000

A = 1.35669

B = 0.28244

C = 0.42970

D = 0.70731

R = 0.58716

$\frac{A \cdot B \cdot D}{A \cdot C - B \cdot C} - R = 0.00000$

R

B

C

D

A

P_1

P_2

P_3

Unit = 1.00000

A = 1.07907

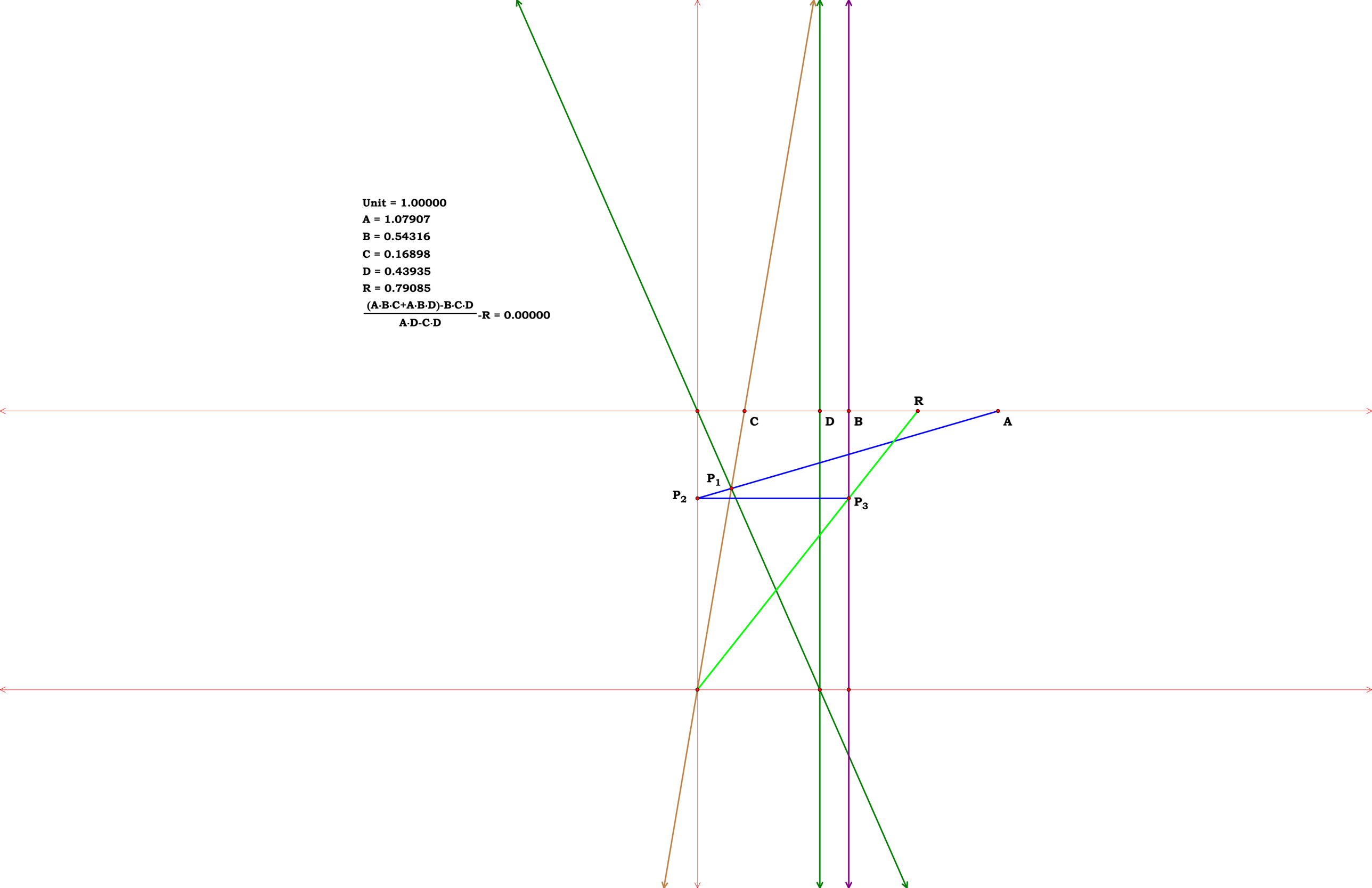
B = 0.54316

C = 0.16898

D = 0.43935

R = 0.79085

$$\frac{(A\cdot B\cdot C+A\cdot B\cdot D)-B\cdot C\cdot D}{A\cdot D-C\cdot D}-R = 0.00000$$



Unit = 1.00000

A = 0.71697

B = 0.90285

C = 0.34521

D = 0.20278

E = 0.46591

R = 1.21473

$\frac{A^2 \cdot C \cdot E}{B \cdot D \cdot (A-C)} - R = 0.00000$

Hide Line

D C E A B R

P_1

P_2

P_3

P_4

P_5

Unit = 1.00000

A = 0.92699

B = 0.40797

C = 0.12794

D = 0.60109

E = 0.50212

R = 0.78385

$$\frac{E\cdot(A^2\cdot C+B\cdot D\cdot(A-C))}{B\cdot D\cdot(A-C)}-R = 0.00000$$

C B E D R A

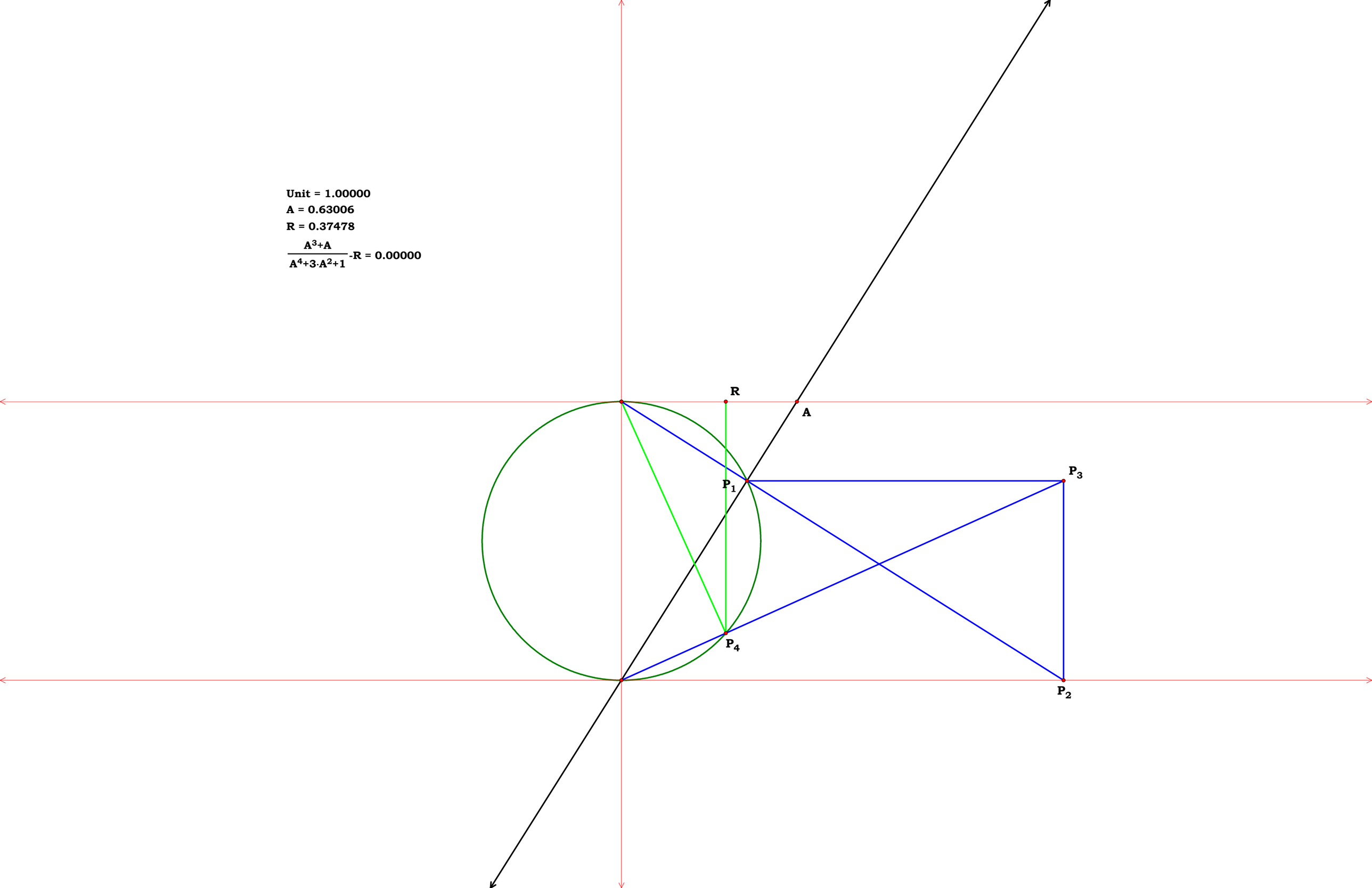
P_1 P_2 P_3 P_4 P_5

Unit = 1.00000

A = 0.63006

R = 0.37478

$$\frac{A^3+A}{A^4+3\cdot A^2+1}-R = 0.00000$$

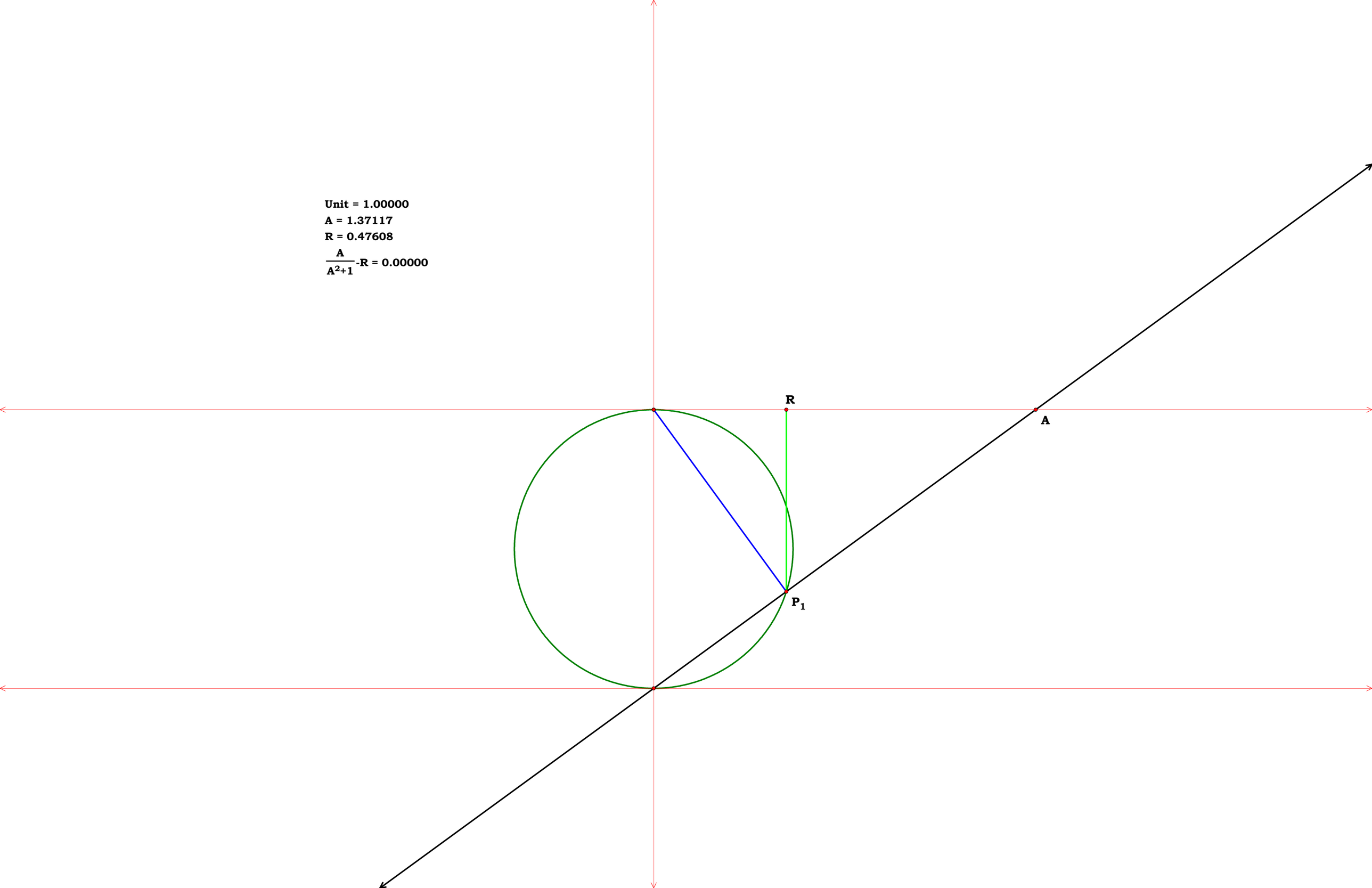


Unit = 1.00000

A = 1.37117

R = 0.47608

$\frac{A}{A^2+1}$-R = 0.00000



Unit = 1.00000

A = 1.35186

B = 1.13218

R = 0.47657

$$\frac{A^2 \cdot B \cdot (A^2+1)}{A^4 \cdot B^2 + A^4 + 2 \cdot A^2 + 1} - R = 0.00000$$

R

P_3

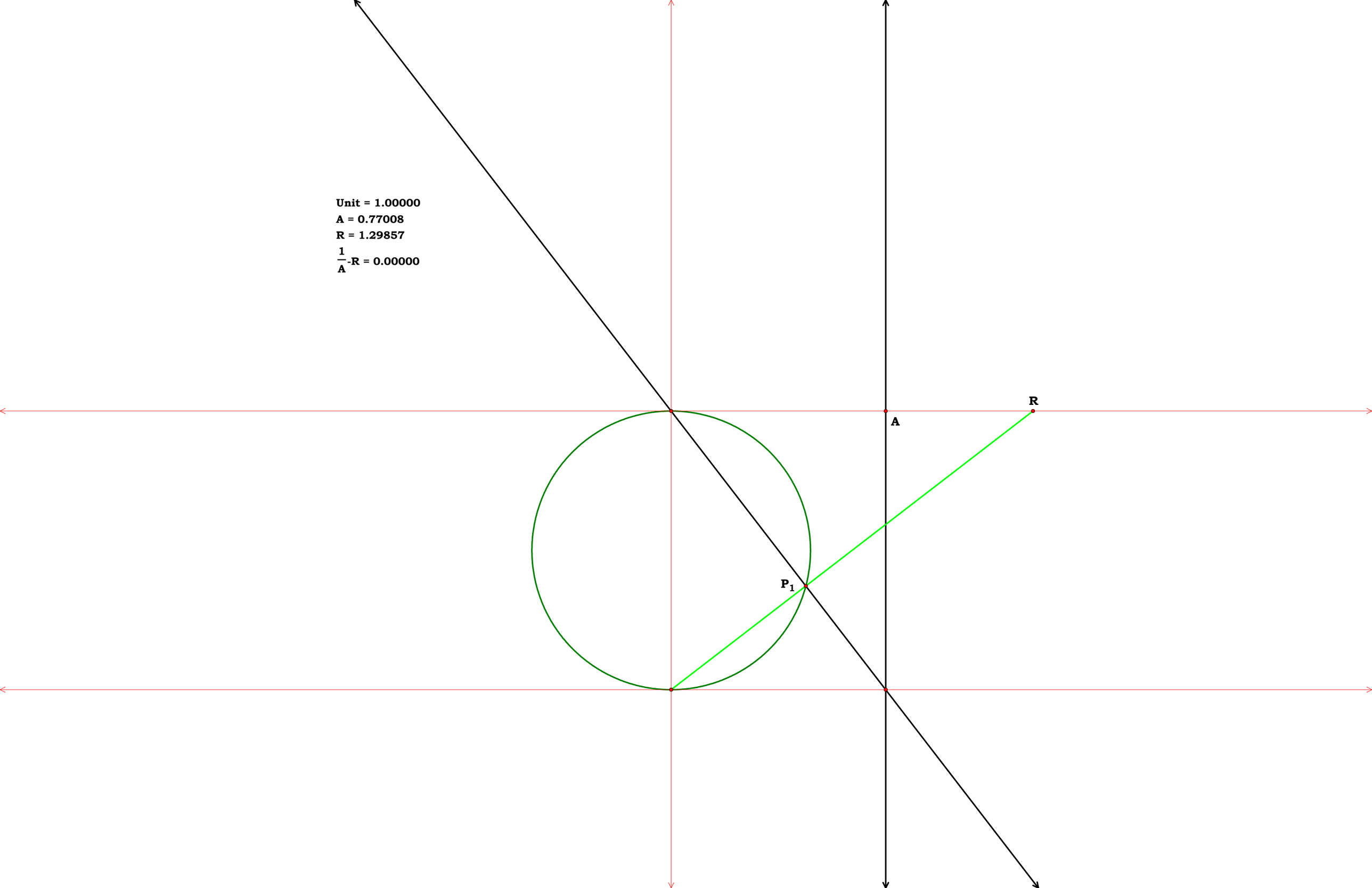
B

A

P_4

P_2

P_1


Unit = 1.00000
A = 0.77008
R = 1.29857
1/A-R = 0.00000
R
A
P1

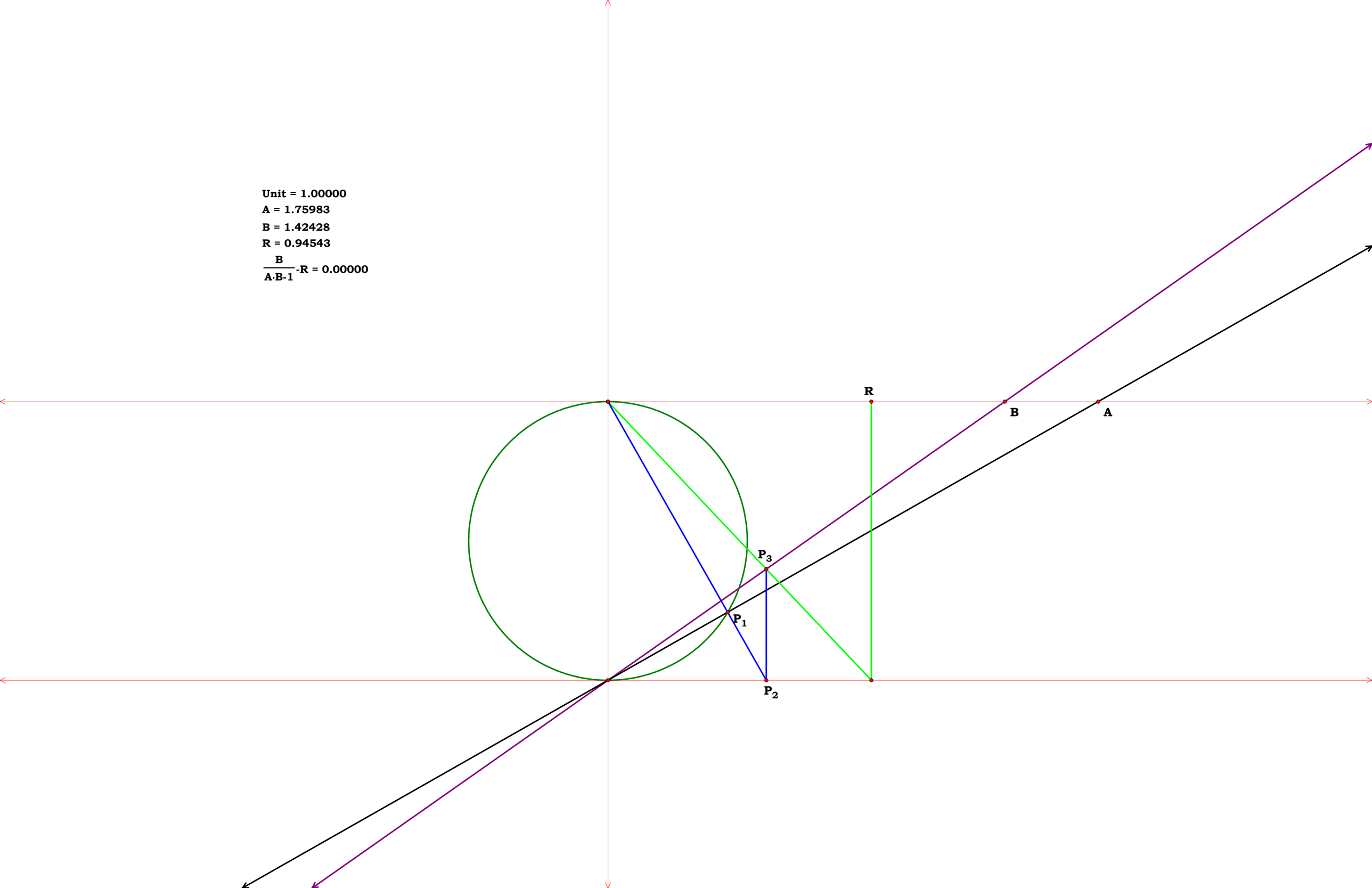
Unit = 1.00000

A = 1.75983

B = 1.42428

R = 0.94543

$\frac{B}{A \cdot B - 1} - R = 0.00000$



Unit = 1.00000

A = 1.45325

B = 0.87871

R = 0.59634

$\frac{A^2 \cdot B}{A^2+1}$-R = 0.00000

R

B

A

P_1

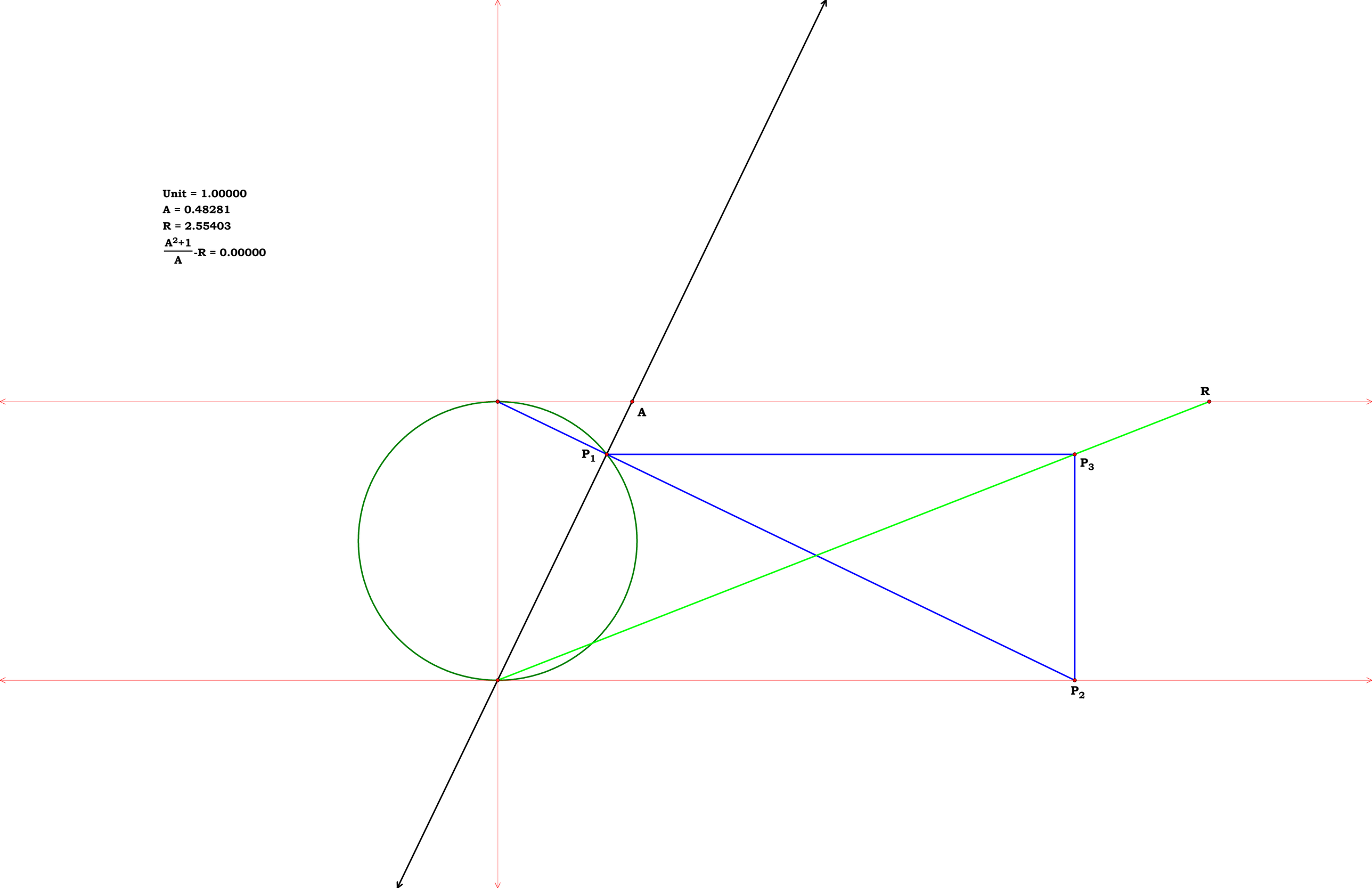
P_2

Unit = 1.00000

A = 0.48281

R = 2.55403

$\frac{A^2+1}{A}$-R = 0.00000



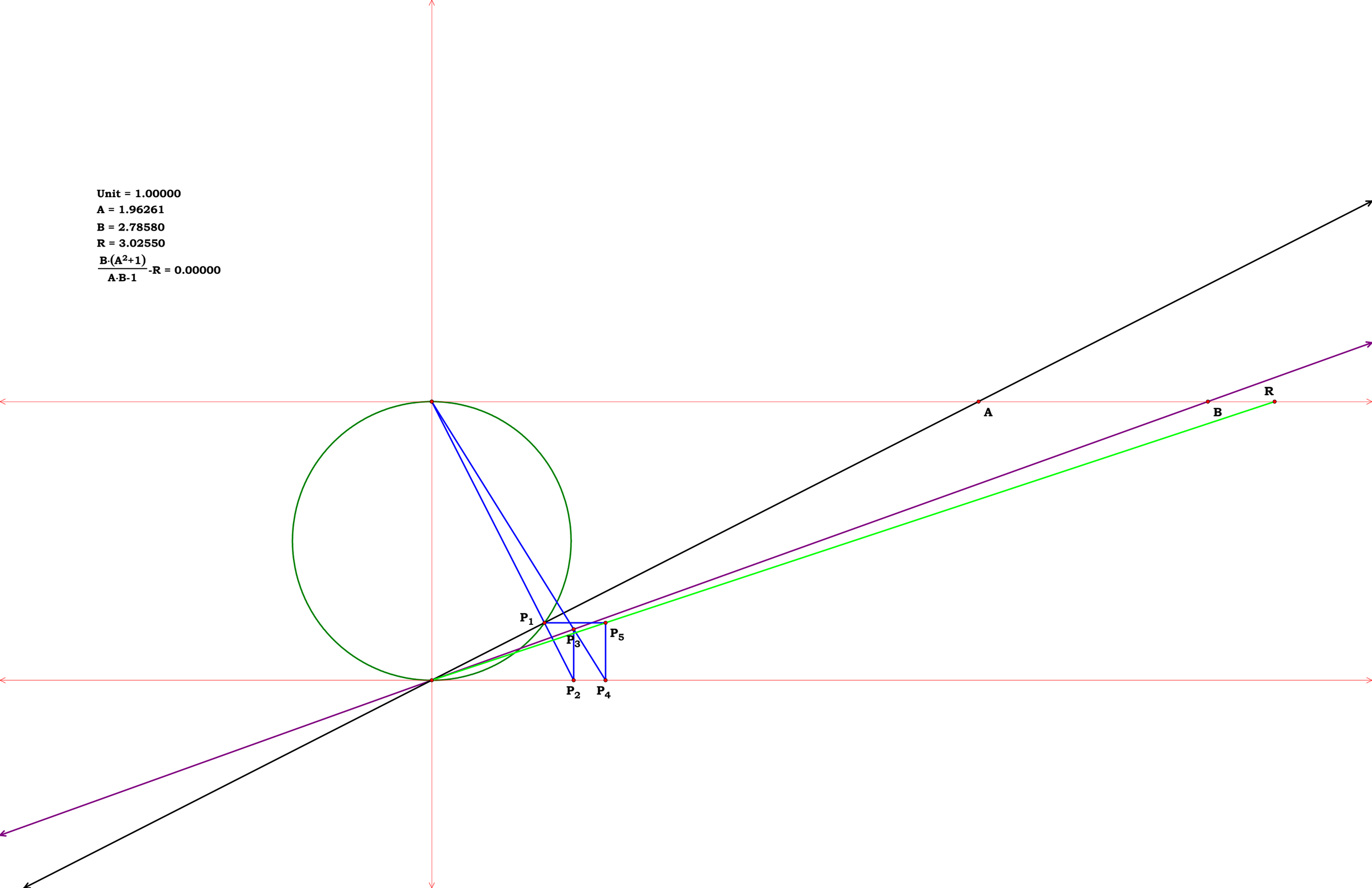
Unit = 1.00000

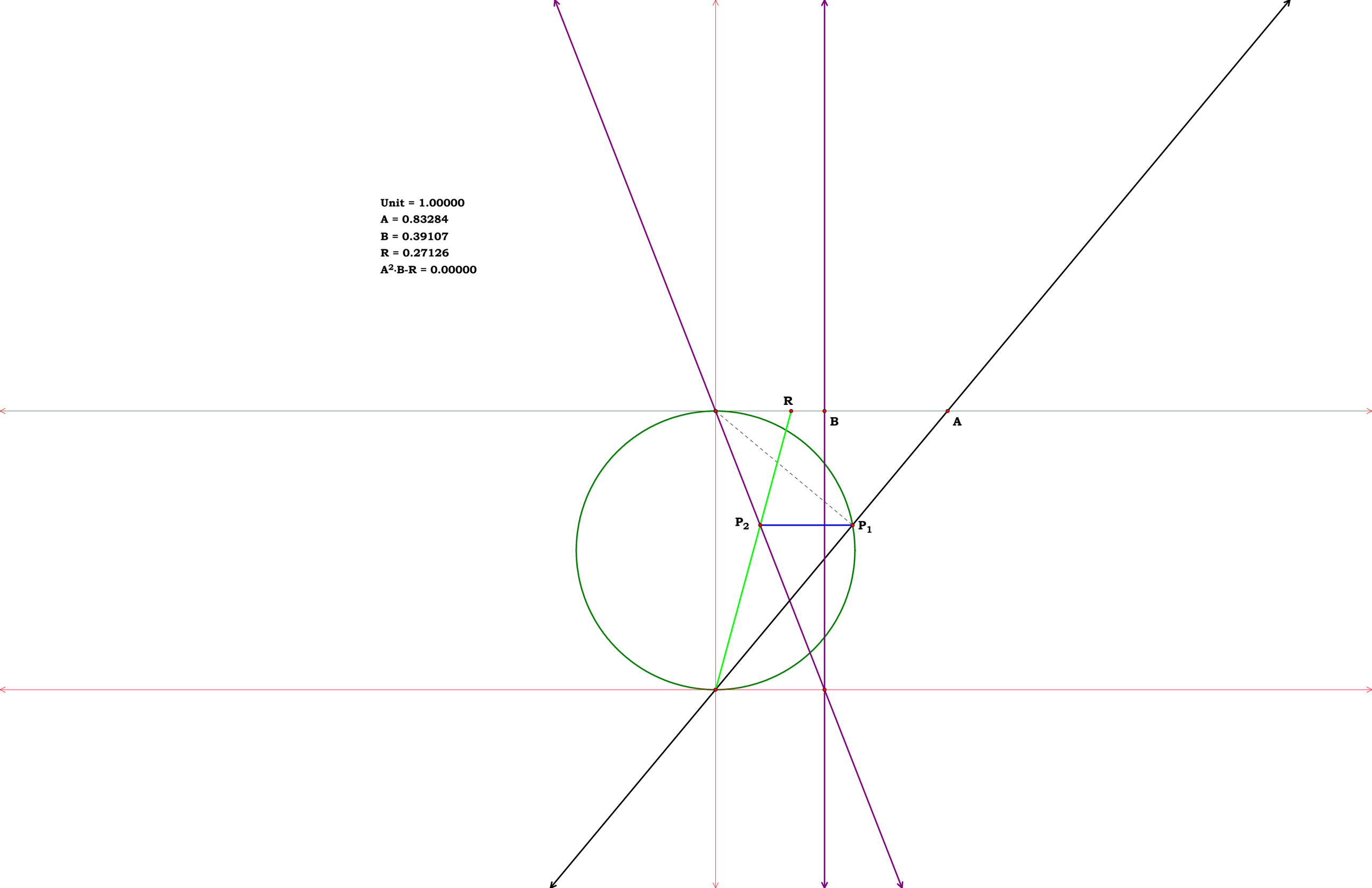
A = 1.96261

B = 2.78580

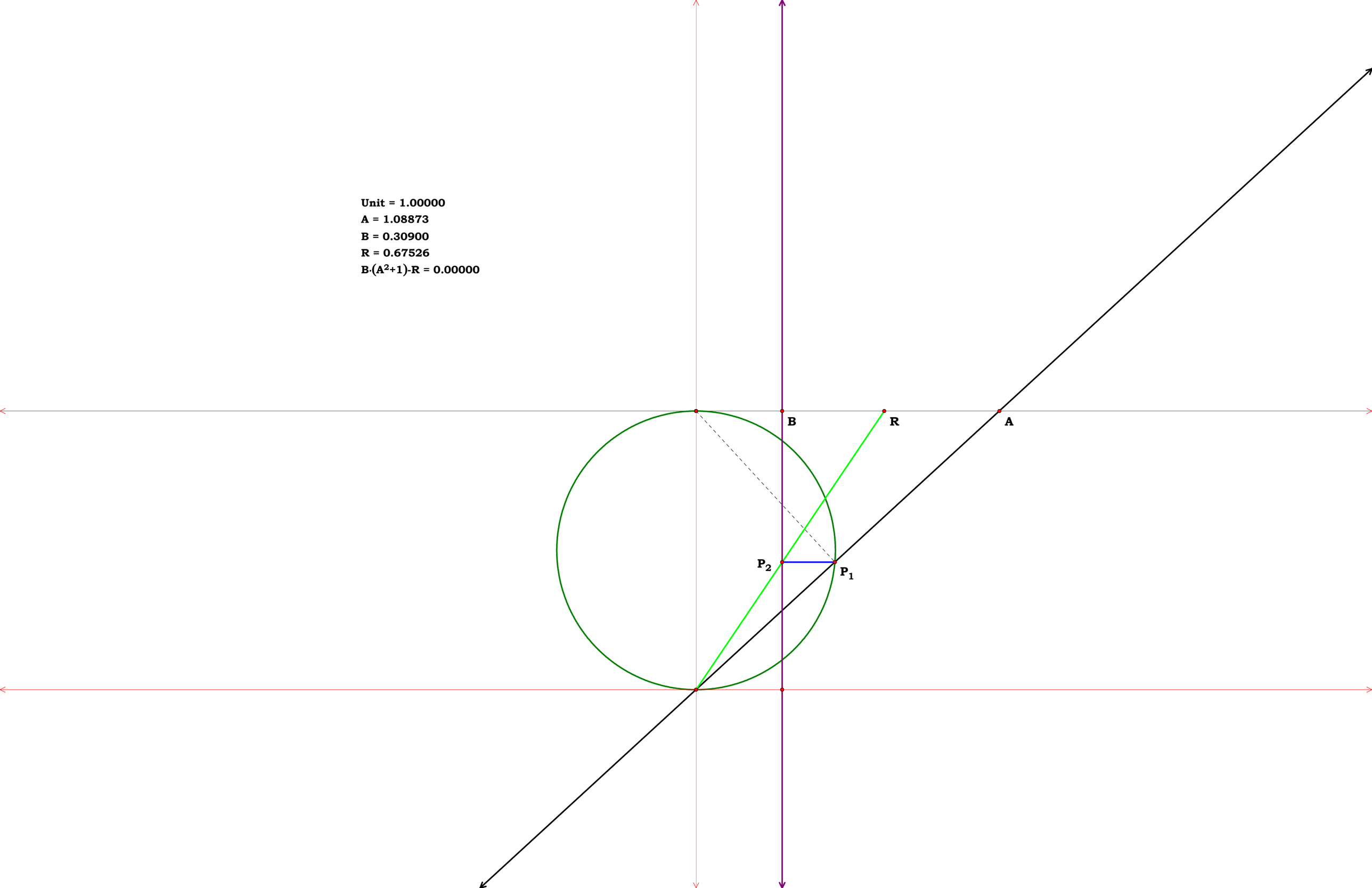
R = 3.02550

$\frac{B\cdot(A^2+1)}{A\cdot B-1}$-R = 0.00000




Unit = 1.00000
A = 0.83284
B = 0.39107
R = 0.27126
A²·B-R = 0.00000
R
B
A
P2
P1

Unit = 1.00000
A = 1.08873
B = 0.30900
R = 0.67526
B·(A²+1)-R = 0.00000

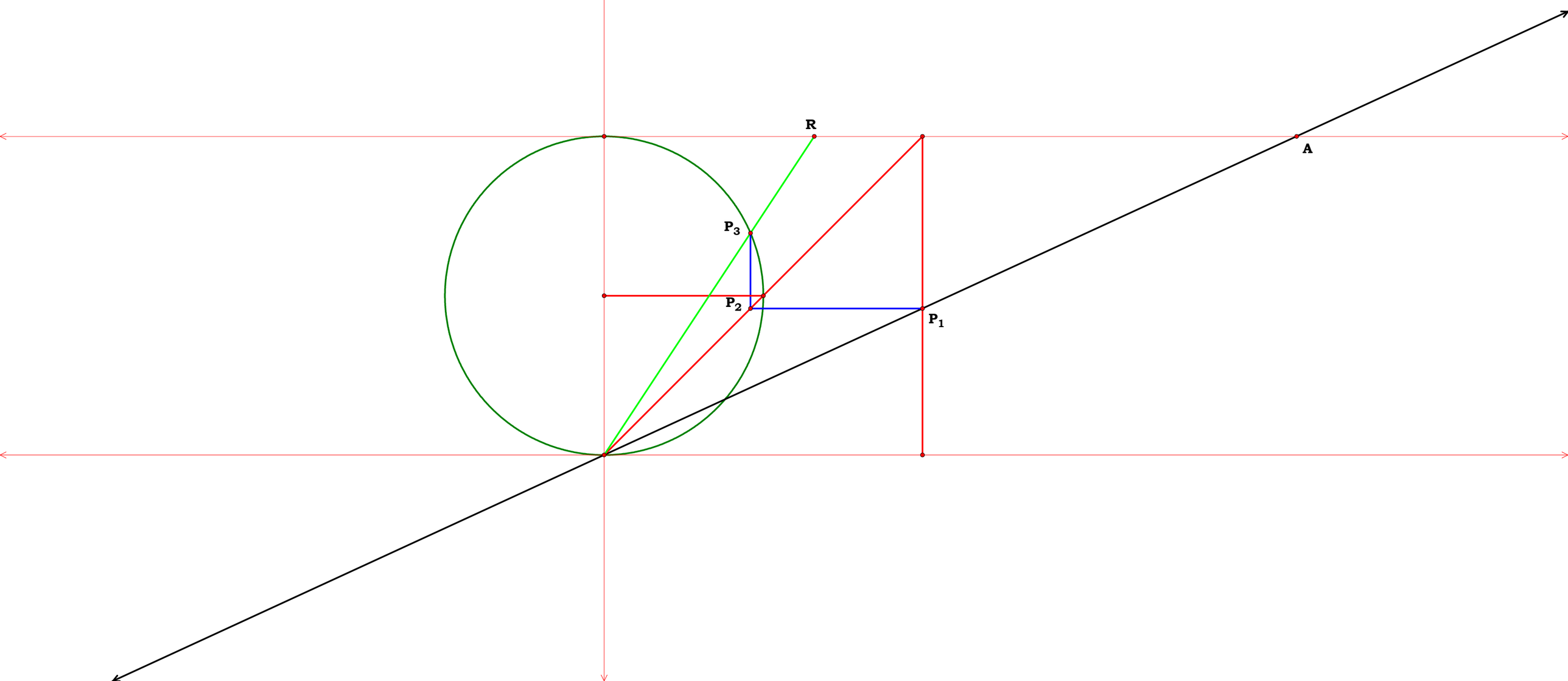


Unit = 1.00000

A = 2.17505

R = 0.66008

$$\frac{2\cdot\sqrt{A^2}}{A\cdot\left(\sqrt{A^2}+\sqrt{(A-2)\cdot(A+2)}\right)}-R = 0.00000$$

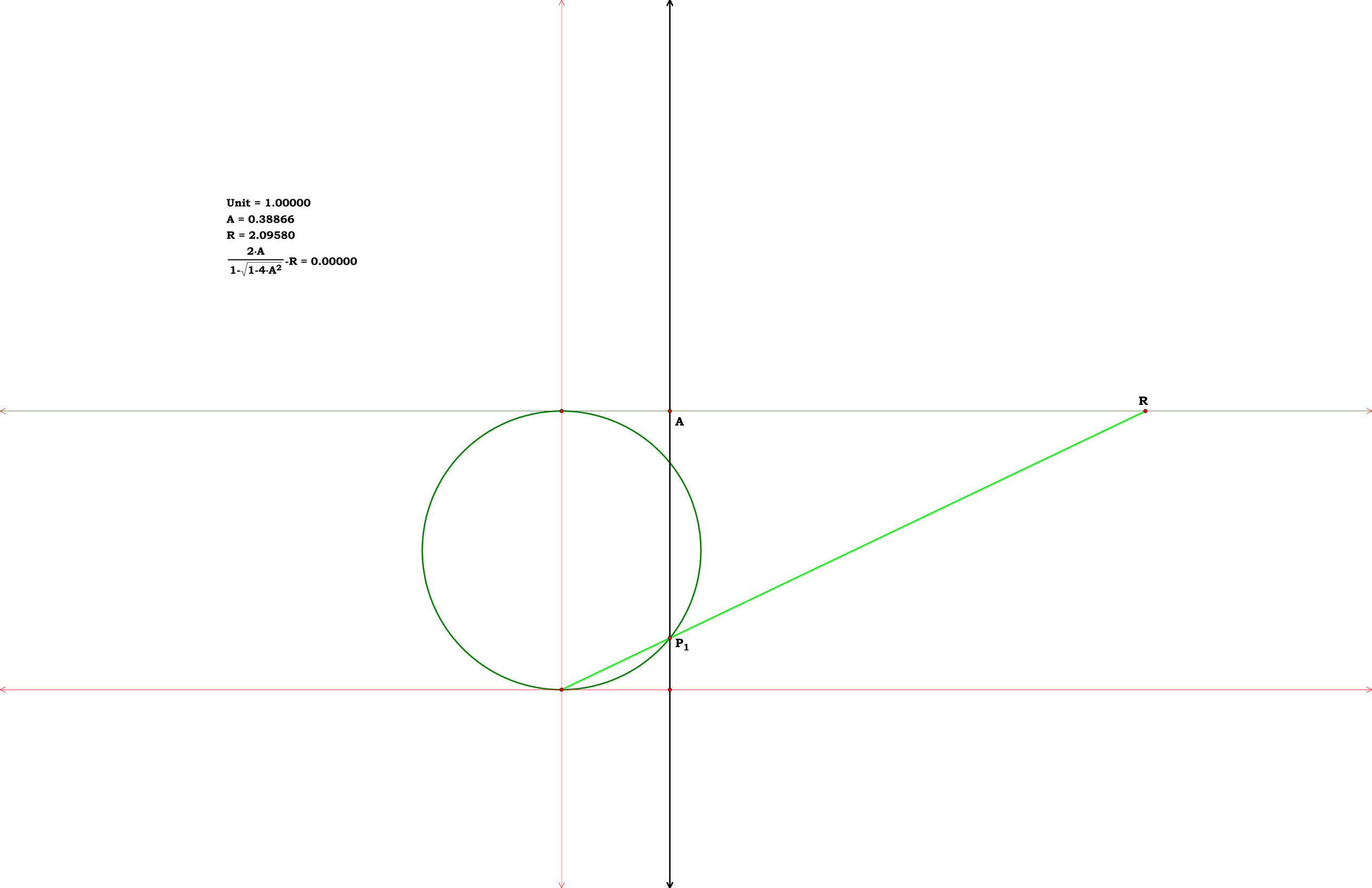


Unit = 1.00000

A = 0.38866

R = 2.09580

$$\frac{2 \cdot A}{1-\sqrt{1-4 \cdot A^2}} - R = 0.00000$$



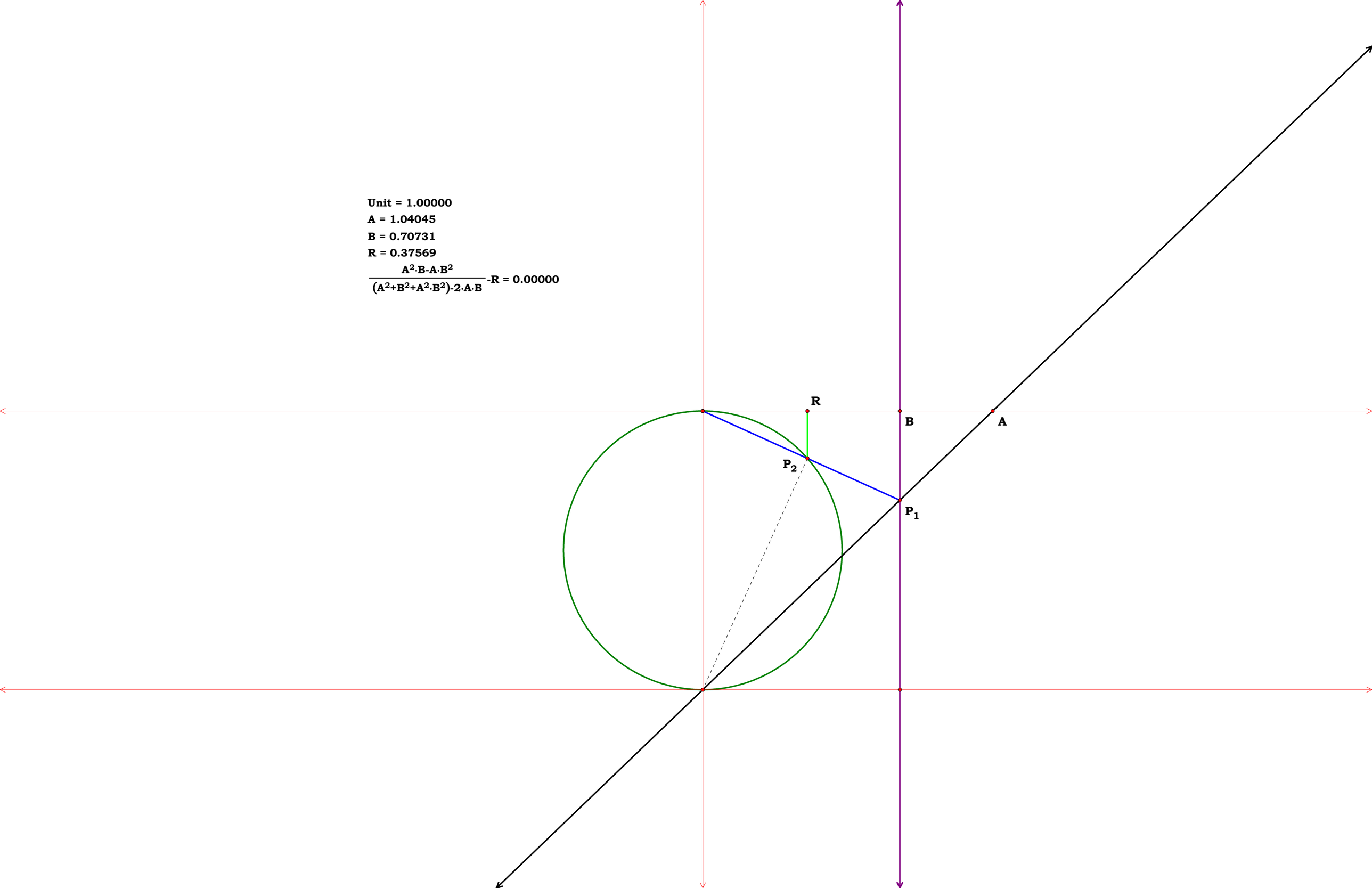
Unit = 1.00000

A = 1.04045

B = 0.70731

R = 0.37569

$$\frac{A^2 \cdot B - A \cdot B^2}{(A^2 + B^2 + A^2 \cdot B^2) - 2 \cdot A \cdot B} - R = 0.00000$$



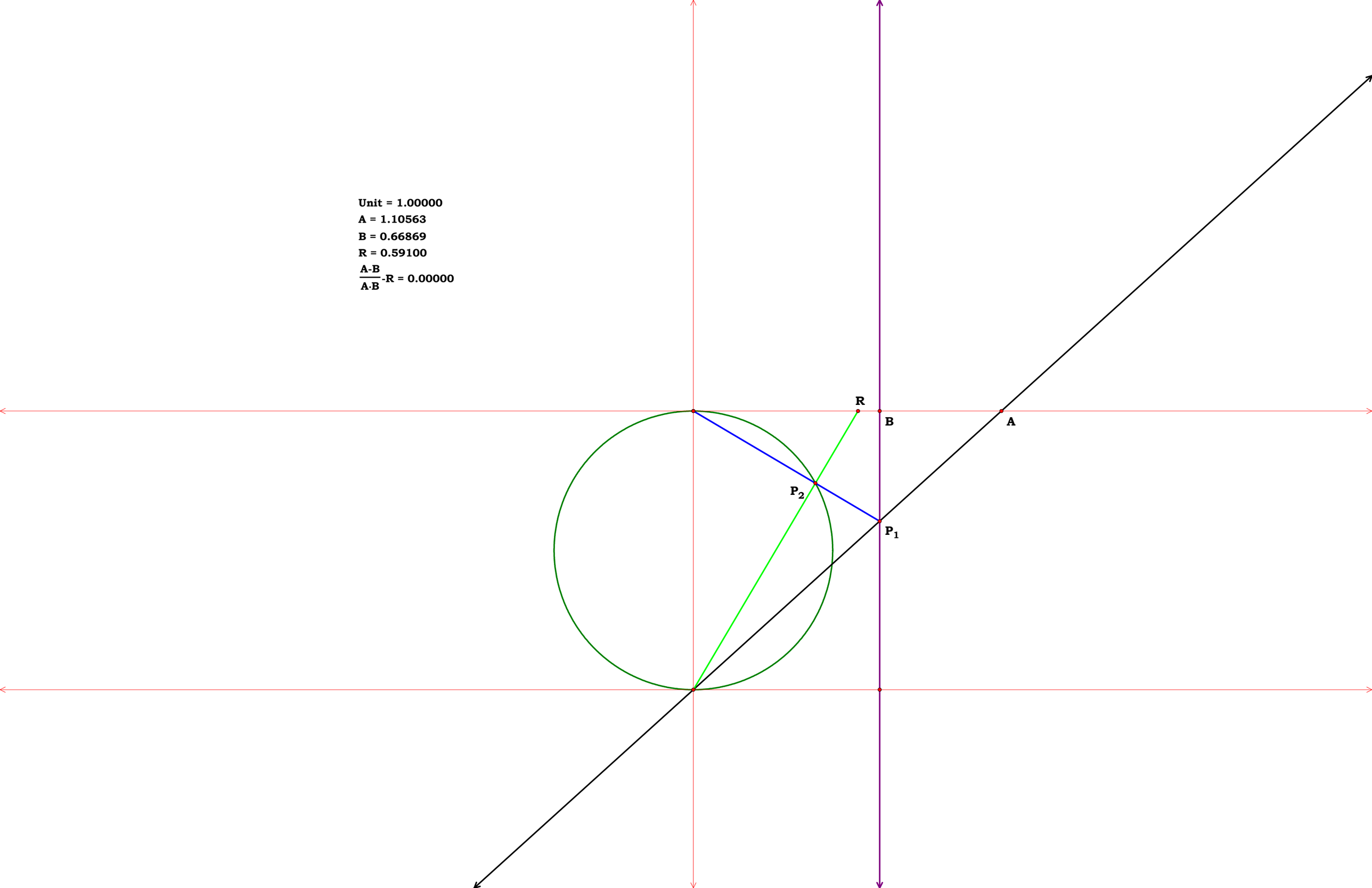
Unit = 1.00000

A = 1.10563

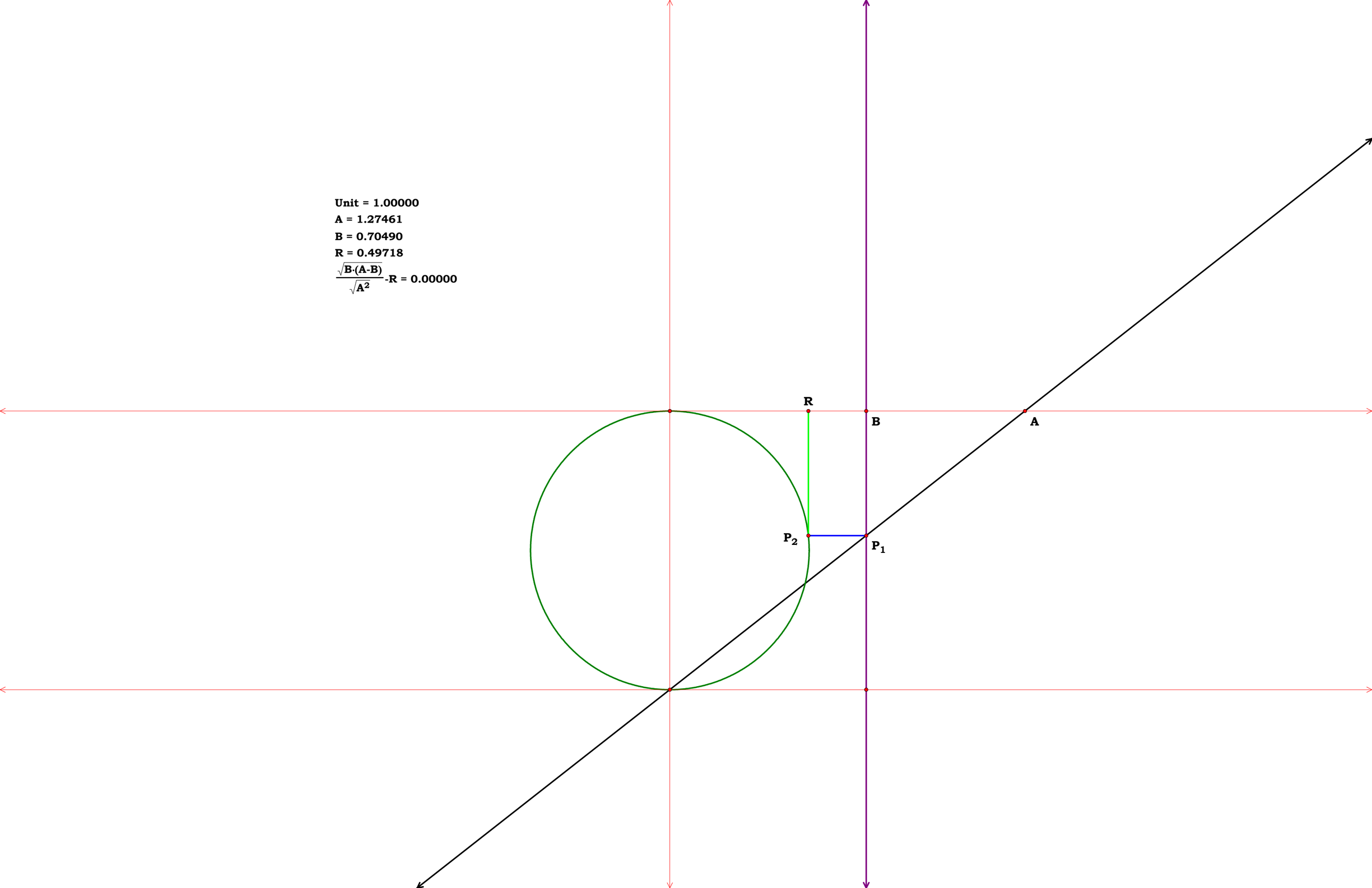
B = 0.66869

R = 0.59100

$\frac{A-B}{A \cdot B} - R = 0.00000$



Unit = 1.00000
A = 1.27461
B = 0.70490
R = 0.49718
$\frac{\sqrt{B\cdot(A-B)}}{\sqrt{A^2}}$**-R = 0.00000**



Unit = 1.00000

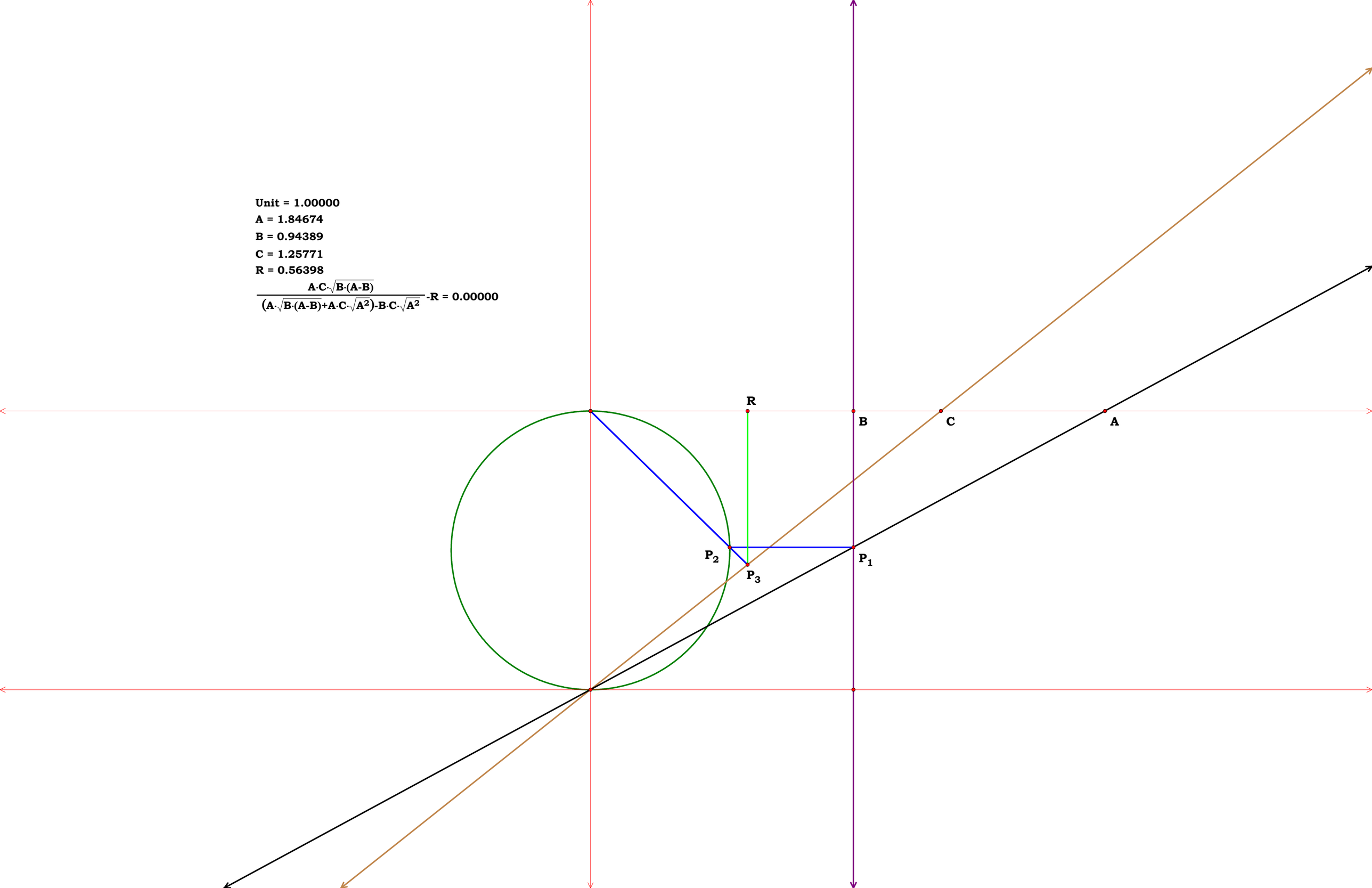
A = 1.84674

B = 0.94389

C = 1.25771

R = 0.56398

$$\frac{A \cdot C \cdot \sqrt{B \cdot (A-B)}}{\left(A \cdot \sqrt{B \cdot (A-B)} + A \cdot C \cdot \sqrt{A^2}\right) - B \cdot C \cdot \sqrt{A^2}} - R = 0.00000$$



Unit = 1.00000

A = -0.55523

B = -0.29934

R = 0.92457

$\frac{A\cdot\sqrt{B\cdot(A-B)}}{\sqrt{A^2\cdot B}}-R = 0.00000$

A

B

R

P_1

P_2

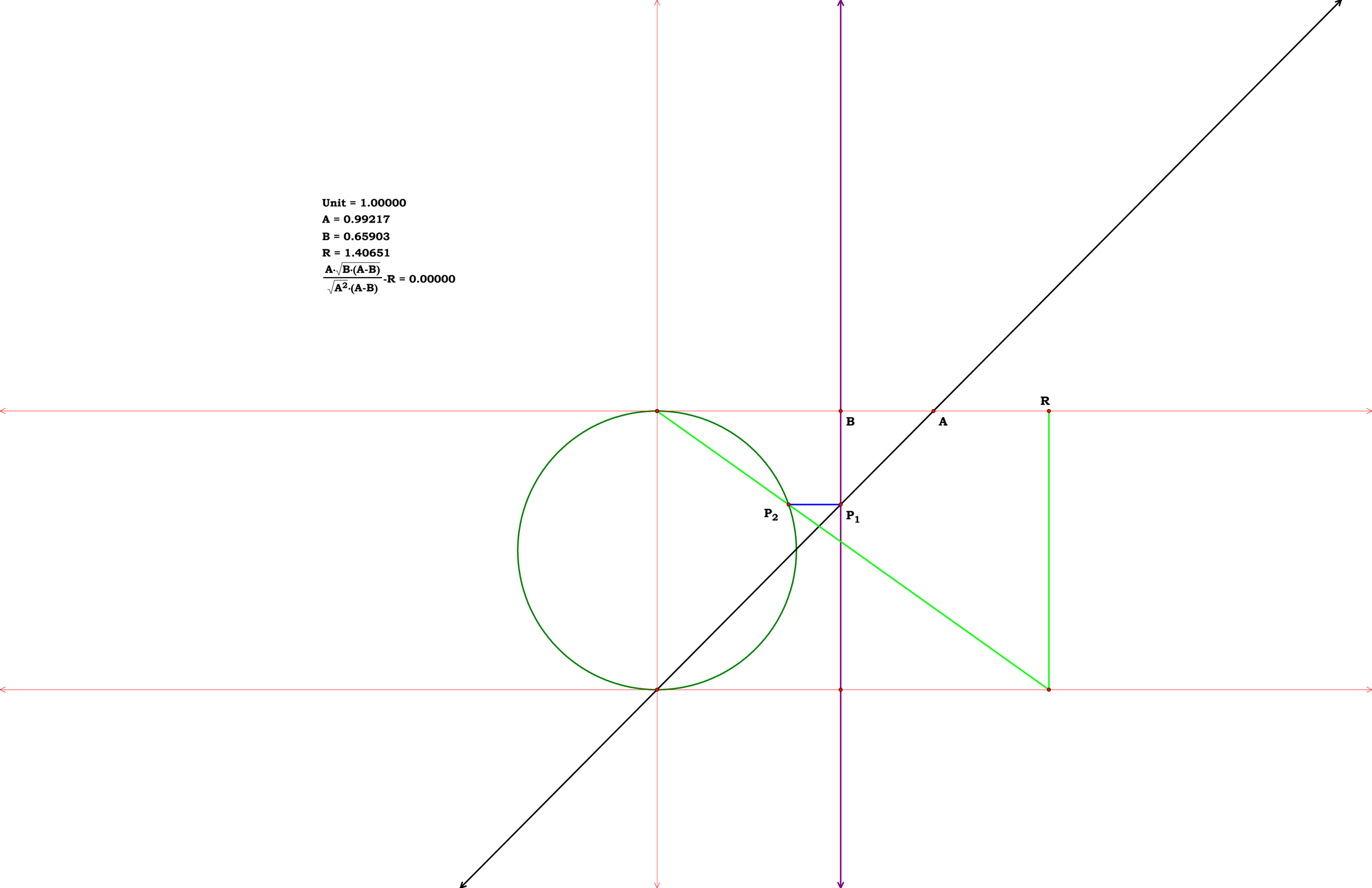
Unit = 1.00000

A = 0.99217

B = 0.65903

R = 1.40651

$\frac{A\cdot\sqrt{B\cdot(A-B)}}{\sqrt{A^2\cdot(A-B)}}-R = 0.00000$



Unit = 1.00000

A = 1.10080

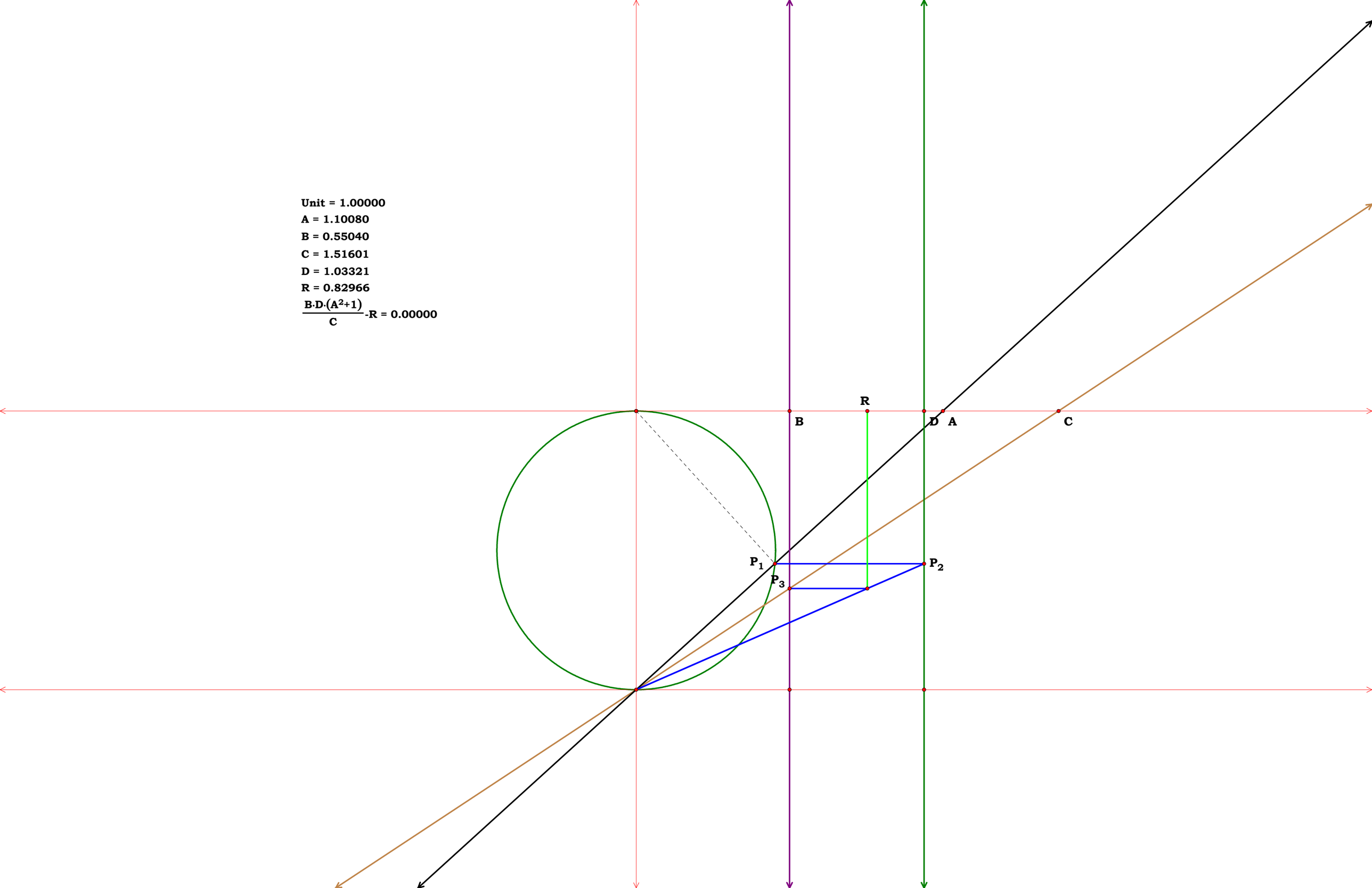
B = 0.55040

C = 1.51601

D = 1.03321

R = 0.82966

$\frac{B \cdot D \cdot (A^2+1)}{C}$ -R = 0.00000



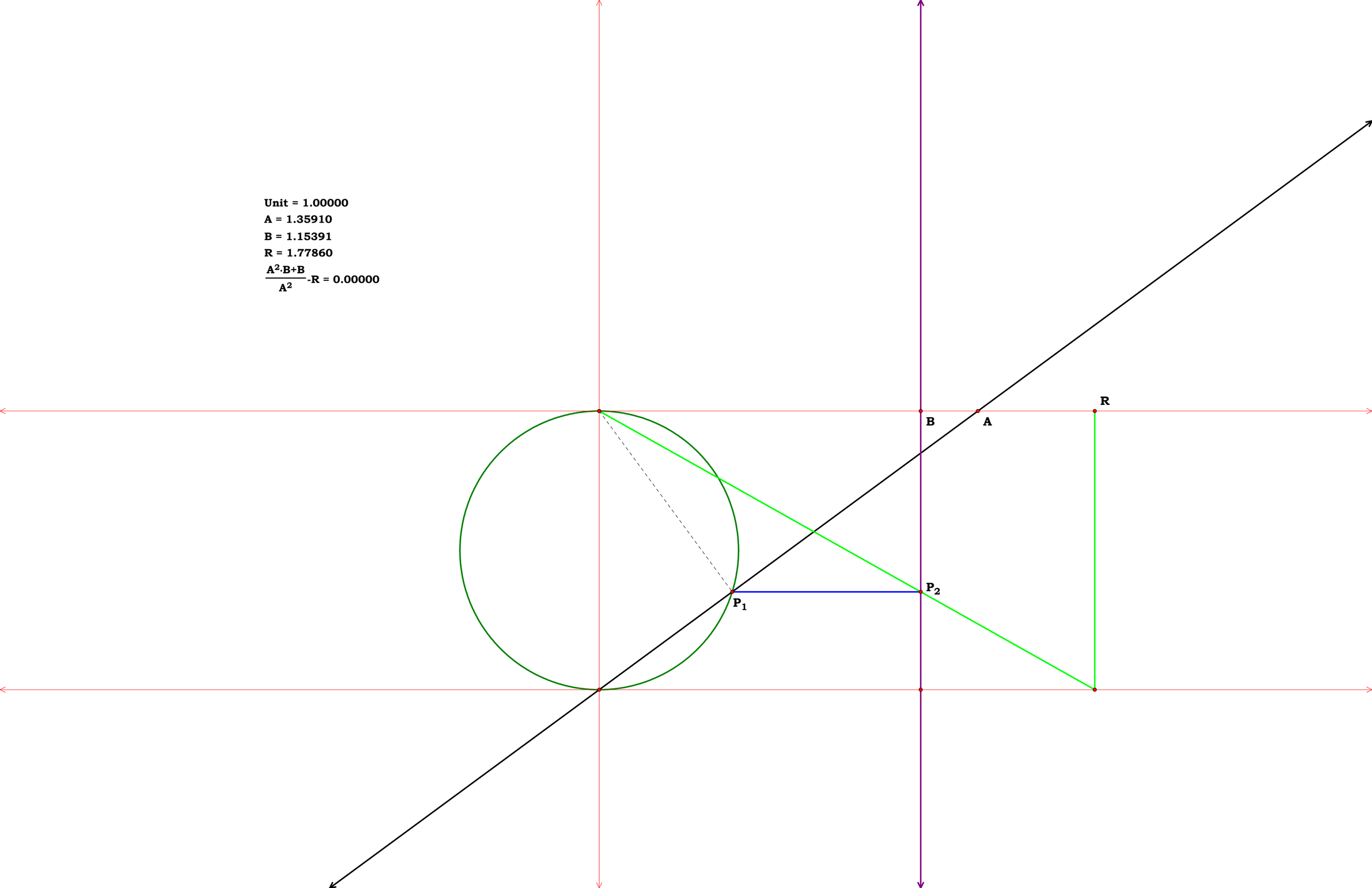
Unit = 1.00000

A = 1.35910

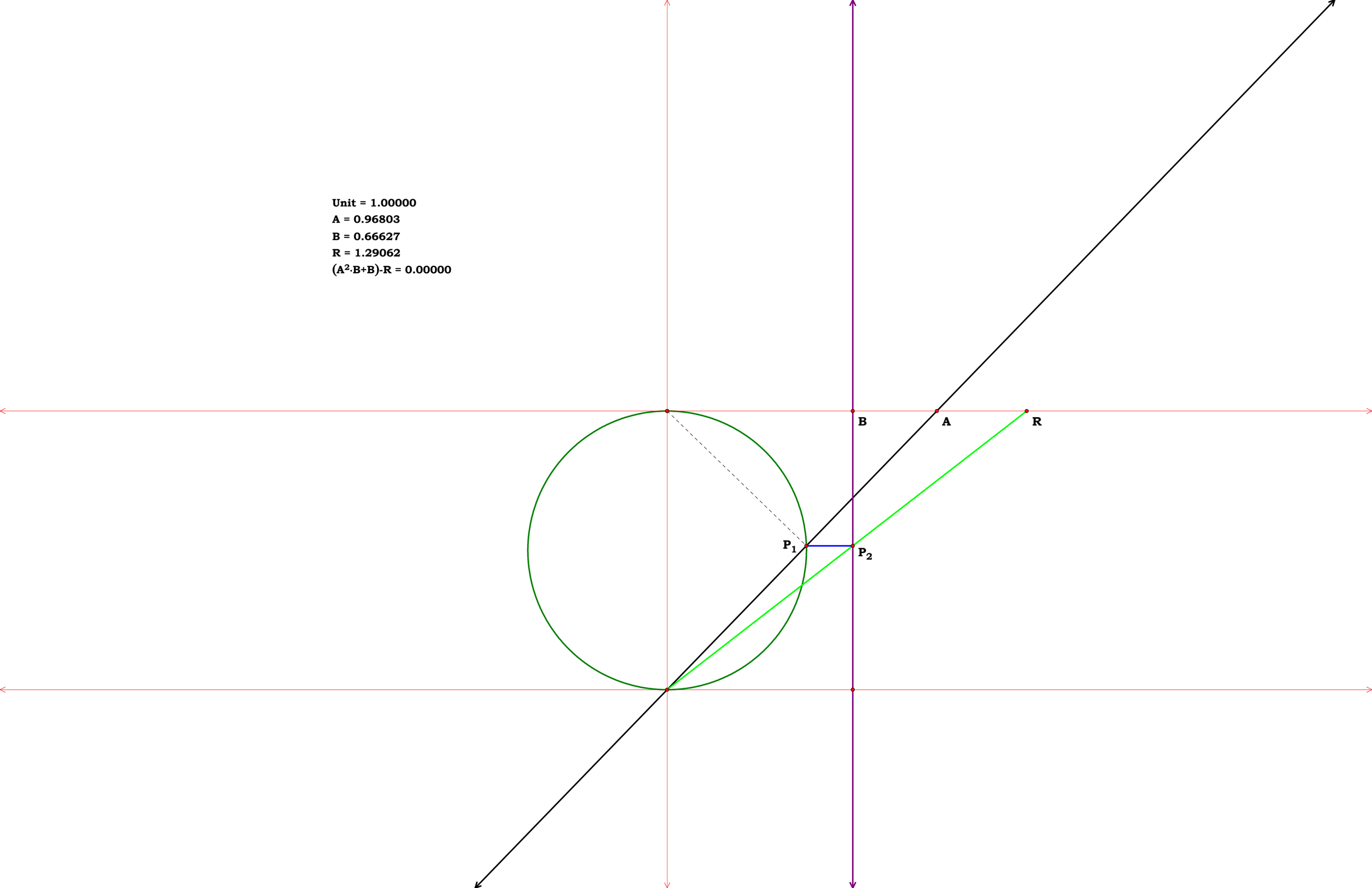
B = 1.15391

R = 1.77860

$\frac{A^2 \cdot B+B}{A^2}$-R = 0.00000



Unit = 1.00000
A = 0.96803
B = 0.66627
R = 1.29062
$(A^2 \cdot B+B)-R$ = 0.00000



Unit = 1.00000

A = 1.31082

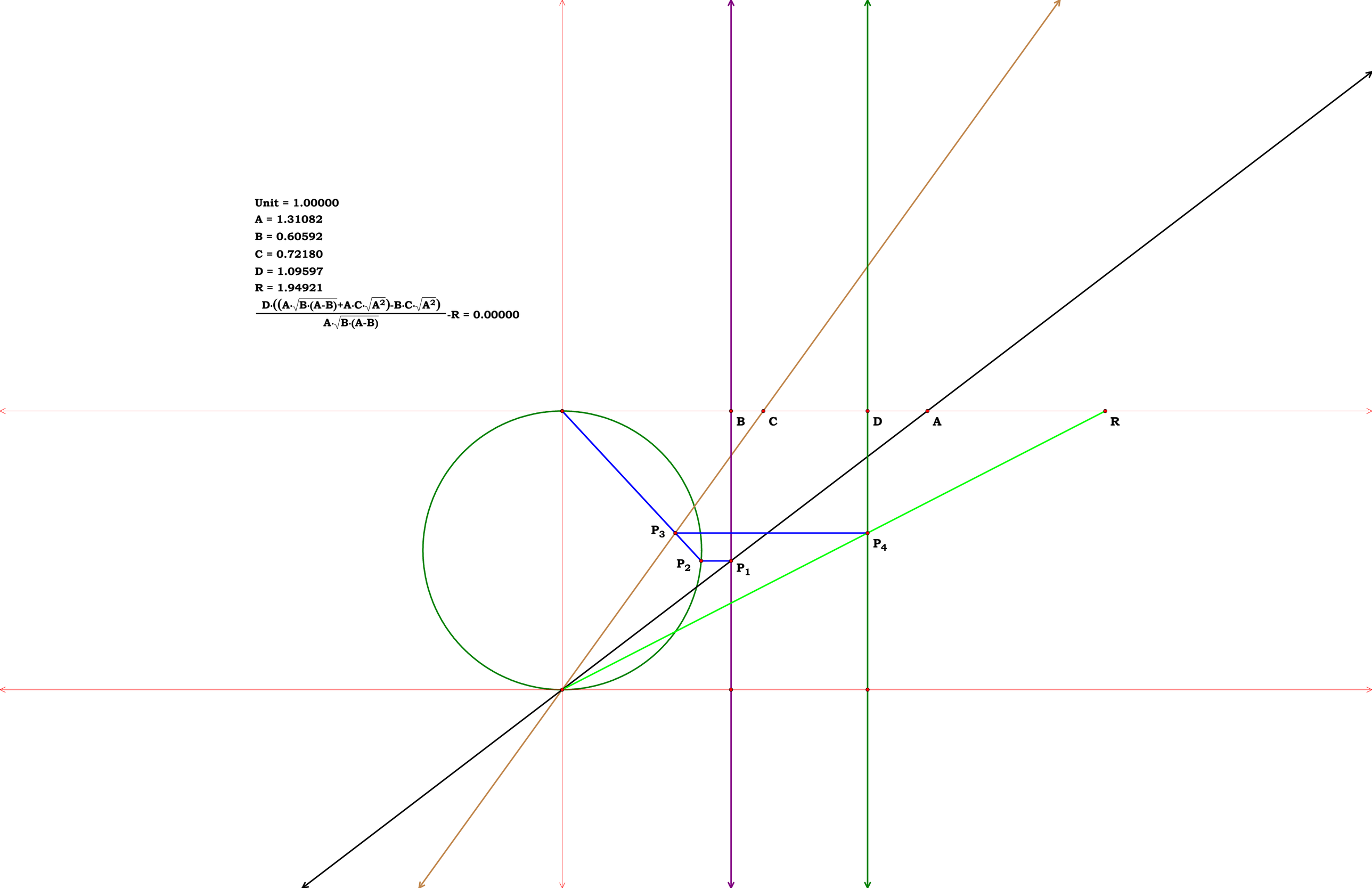
B = 0.60592

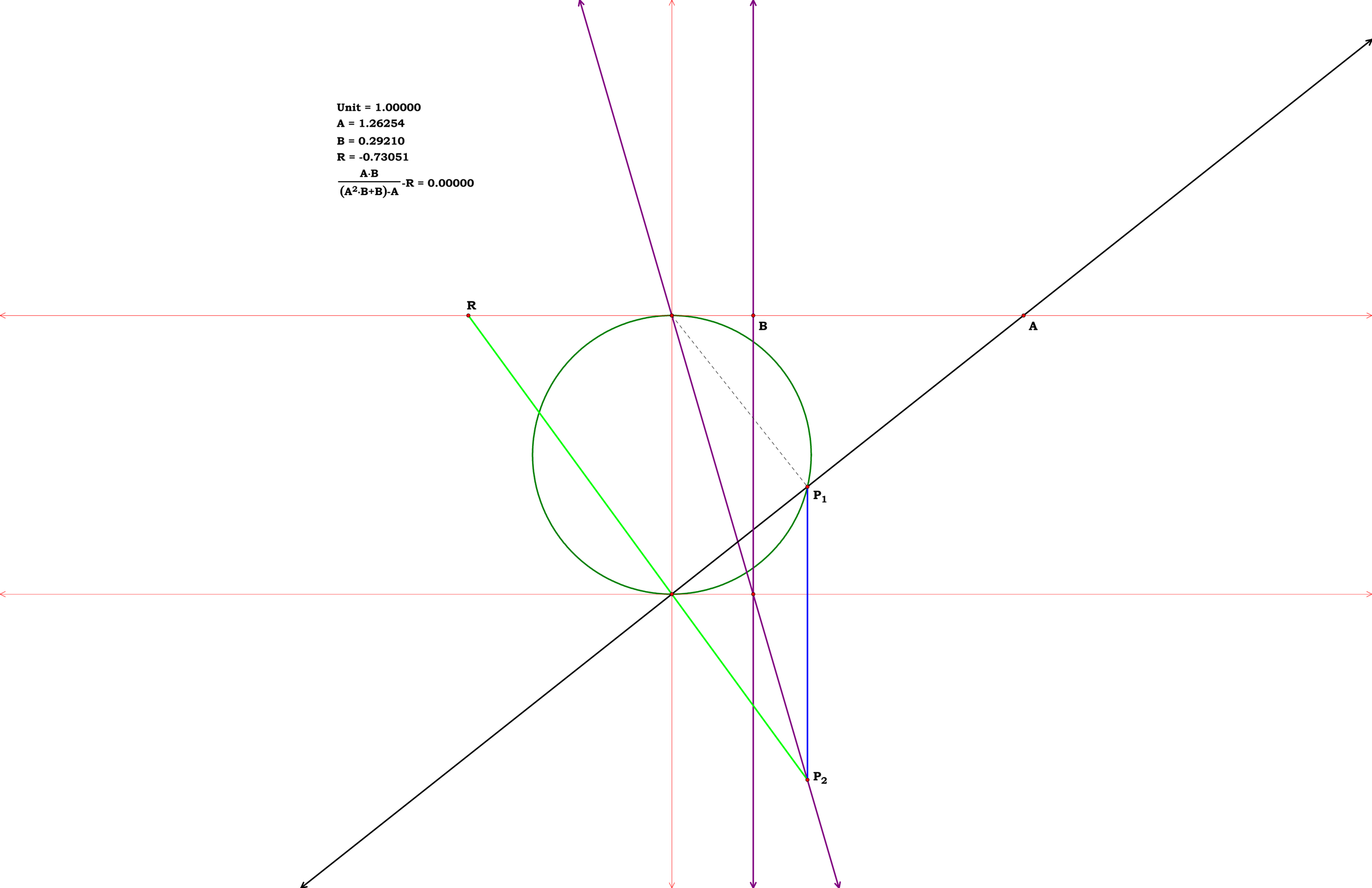
C = 0.72180

D = 1.09597

R = 1.94921

$$\frac{D\cdot\left(\left(A\cdot\sqrt{B\cdot(A-B)}+A\cdot C\cdot\sqrt{A^2}\right)-B\cdot C\cdot\sqrt{A^2}\right)}{A\cdot\sqrt{B\cdot(A-B)}}-R = 0.00000$$




Unit = 1.00000
A = 1.26254
B = 0.29210
R = -0.73051
$\frac{A \cdot B}{(A^2 \cdot B + B) - A} - R = 0.00000$
R
B
A
P_1
P_2

Unit = 1.00000

A = 0.84491

B = 0.39590

R = 0.68452

$\frac{(A+B)\cdot\sqrt{A\cdot B}}{A\cdot\sqrt{(A+B)^2}}$ -R = 0.00000

B

R

A

P_1

P_2

Unit = 1.00000

A = 0.94147

B = 0.63731

R = 1.90027

$$\frac{B\cdot(A^2+1)\cdot\sqrt{A\cdot((A^2\cdot B-A)+B)}}{((A^2\cdot B-A)+B)\cdot\sqrt{B^2\cdot(A^2+1)^2}}-R = 0.00000$$

B

A

R

P_1

P_2

P_3

Unit = 1.00000

A = 1.61499

B = 0.86422

C = 1.34945

R = 0.99356

$$\frac{(A+B)\cdot\sqrt{B\cdot C\cdot\sqrt{A\cdot B}\cdot\sqrt{(A+B)^2}}}{\sqrt{A\cdot B}\cdot\sqrt{\sqrt{(A+B)^{23}}}} - R = 0.00000$$

If one does not pay attention to this construction closely(, they will not actually (P2 and 4) construct it when all vals go into the neg.

B

R

C

A

P_4

P_3

P_2

P_1

Unit = 1.00000

A = 1.60533

B = 1.01872

C = 1.22150

D = 1.36634

R = 1.16095

$$\frac{(A+B)\cdot\sqrt{B\cdot C\cdot D\cdot(A+B)}}{(A+B)^{\frac{3}{2}}\cdot(B\cdot C\cdot\sqrt{A\cdot B})^{\frac{1}{4}}}-R = 0.00000$$

B R C D A

Unit = 1.00000

A = 1.50394

B = 1.02597

C = 1.11287

D = 1.22633

R = 0.92225

$$\frac{B^{\frac{5}{8}}\cdot C\cdot(A+B)\cdot\sqrt{D\cdot(A+B)\cdot\sqrt{C\cdot\sqrt{A\cdot B\cdot(A+B)}}}}{D\cdot(A+B)^{\frac{7}{8}}\cdot(B\cdot C)^{\frac{3}{2}}}-R = 0.00000$$

R B C D A

P_1 P_2 P_3 P_4 P_5 P_6

Unit = 1.00000

A = 1.37117

B = 0.95596

C = 1.13942

R = 1.02523

$$\frac{\sqrt{C\cdot\sqrt{A\cdot B}\cdot(A+B)}}{C\cdot\sqrt{B\cdot(A+B)}}-R = 0.00000$$

B R C A

P_4 P_3 P_2 P_1

Unit = 1.00000

A = 1.53050

B = 1.01389

C = 1.18288

R = 0.64866

$\frac{C\cdot((A^2\cdot B-A)+B)}{B\cdot(A^2+1)}$-R = 0.00000

Hide Line

R

B

C

A

P_1

P_1

P_1

Unit = 1.00000

A = 0.47315

B = 0.96803

R = 0.69913

$\frac{\sqrt{A \cdot B}}{B}$-R = 0.00000

A

R

B

P_2

P_4

P_3

P_1

Unit = 1.00000

A = 0.94872

B = 0.35969

C = 1.65844

R = 0.60694

$$\frac{\sqrt{C\cdot\sqrt{A\cdot B}\cdot\sqrt{(A+B)^2-A\cdot B}}}{\left(\sqrt{(A\cdot C)^2-\sqrt{A\cdot B}}+\sqrt{(B\cdot C)^2}\right.}-R = 0.00000$$

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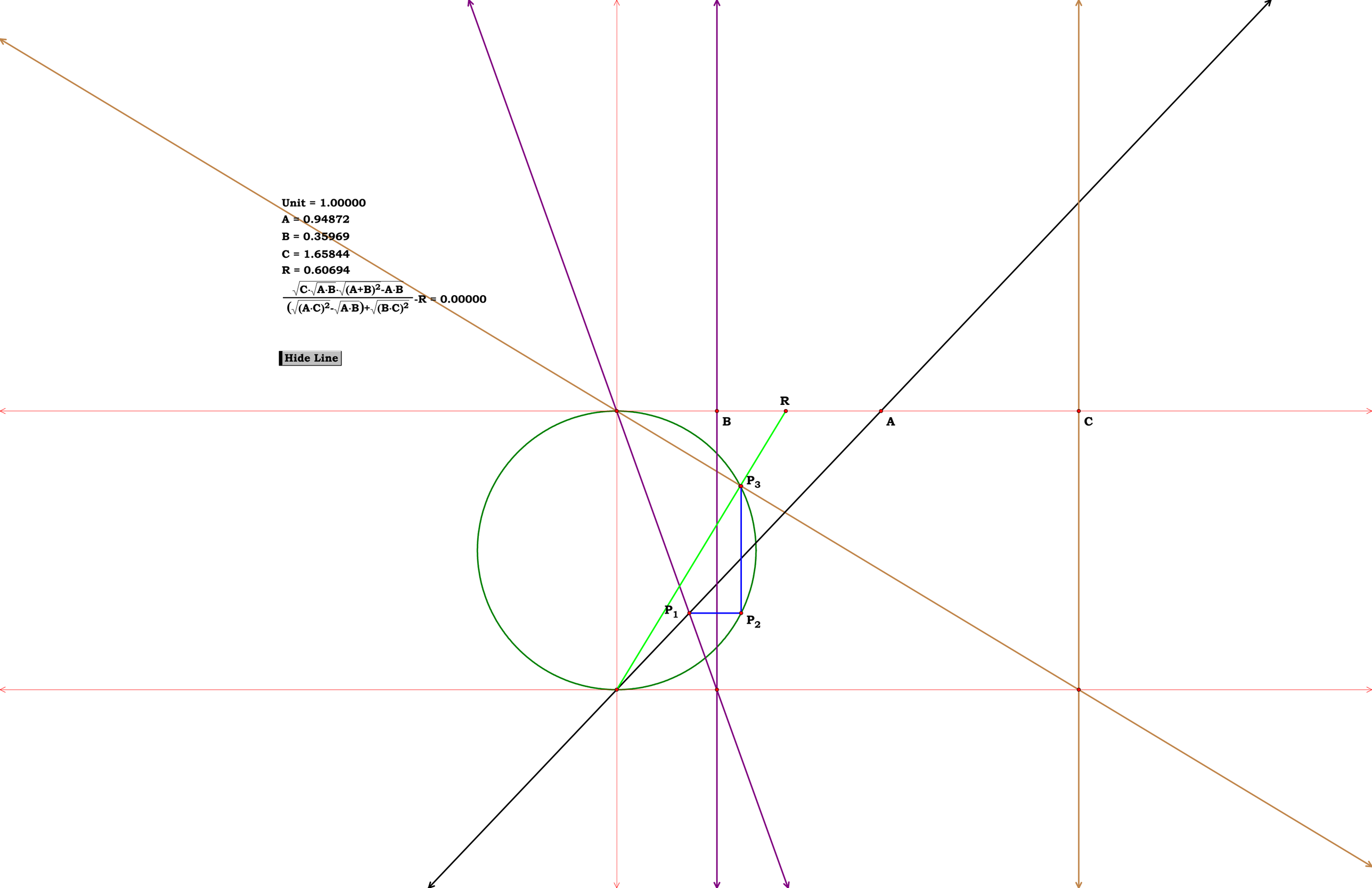


Unit = 1.00000

A = 2.35127

B = 0.88837

C = 0.69041

R = 1.16117

$\frac{B \cdot C \cdot (A^2+1)}{(A^2 \cdot B - A)+B} - R = 0.00000$

C

B

R

A

P_2

P_3

P_1

Unit = 1.00000

A = 0.91975

B = 0.65420

C = 1.31565

D = 1.11046

R = 1.77557

$$\frac{C \cdot D \cdot \sqrt{(A+B)^2}}{C \cdot \sqrt{(A+B)^2} - \sqrt{A \cdot B}} - R = 0.00000$$

B

A

D

C

R

P_1

P_2

P_3

P_4

Unit = 1.00000

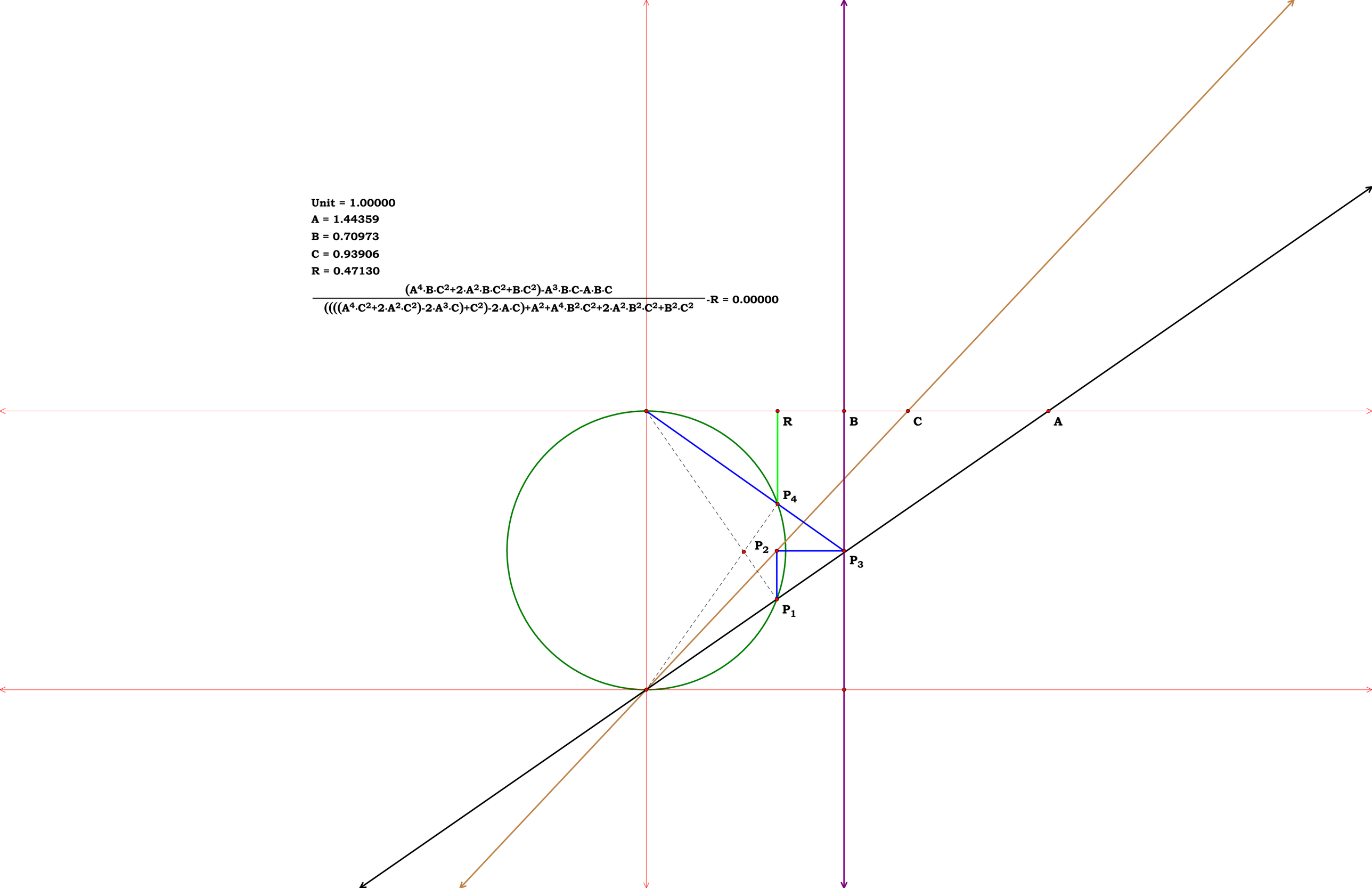
A = 1.44359

B = 0.70973

C = 0.93906

R = 0.47130

$$\frac{(A^4\cdot B\cdot C^2+2\cdot A^2\cdot B\cdot C^2+B\cdot C^2)-A^3\cdot B\cdot C-A\cdot B\cdot C}{((((A^4\cdot C^2+2\cdot A^2\cdot C^2)-2\cdot A^3\cdot C)+C^2)-2\cdot A\cdot C)+A^2+A^4\cdot B^2\cdot C^2+2\cdot A^2\cdot B^2\cdot C^2+B^2\cdot C^2}-R = 0.00000$$



Unit = 1.00000

A = 1.19495

B = 0.73628

C = 0.79180

D = 2.02779

R = 0.57396

$$\frac{2\cdot B\cdot C\cdot D\cdot\sqrt{A^2}}{A\cdot D\cdot\sqrt{A^2-4\cdot B^2\cdot C^2}+\sqrt{A^2}\cdot(A\cdot D+2\cdot B\cdot C)}-R = 0.00000$$

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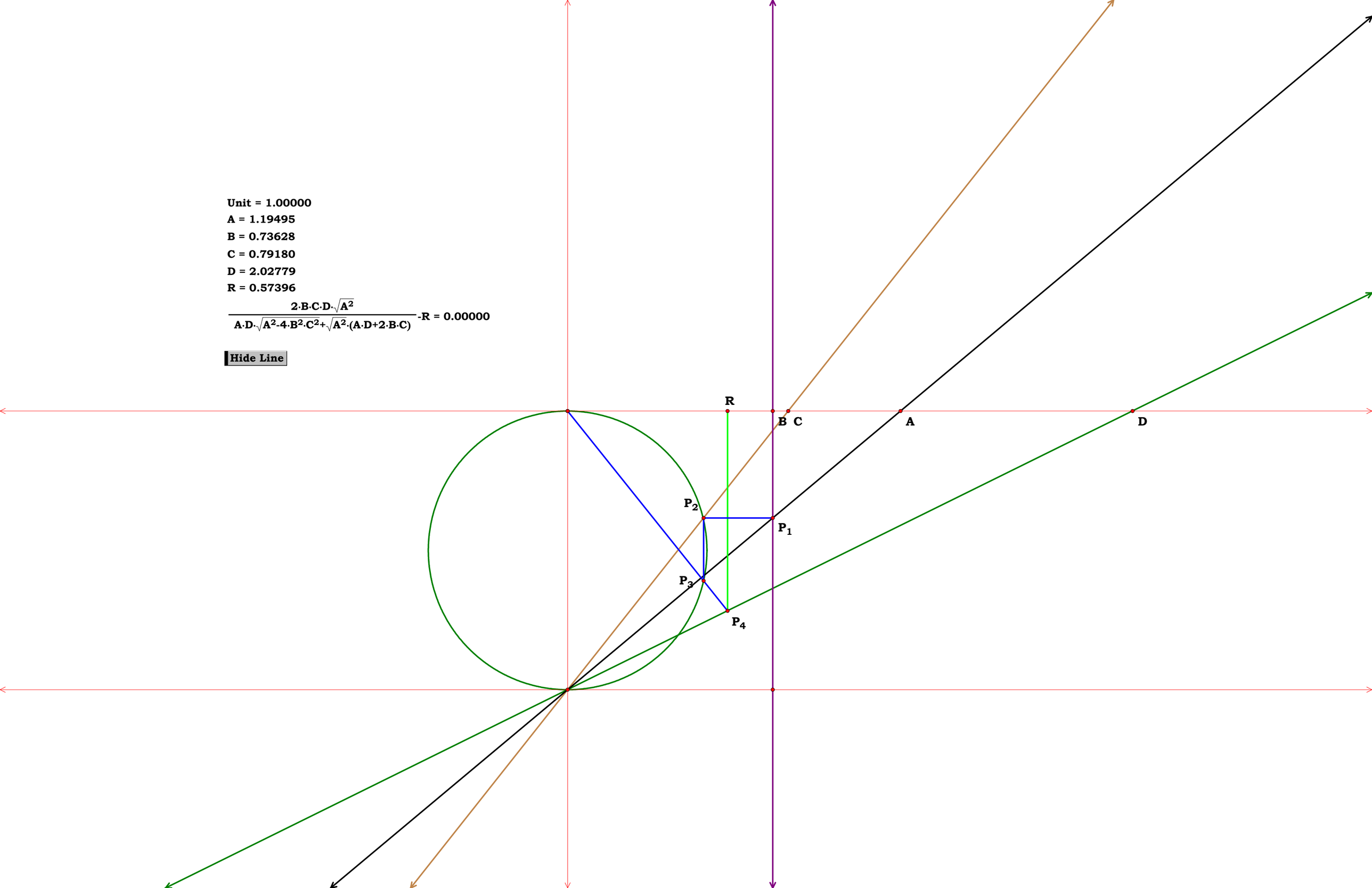

Unit = 1.00000

A = 1.41704

B = 0.83526

C = 0.62765

R = 0.29864

$\frac{(A^2 \cdot C + C) - A}{A^2 \cdot B \cdot C + B \cdot C} - R = 0.00000$

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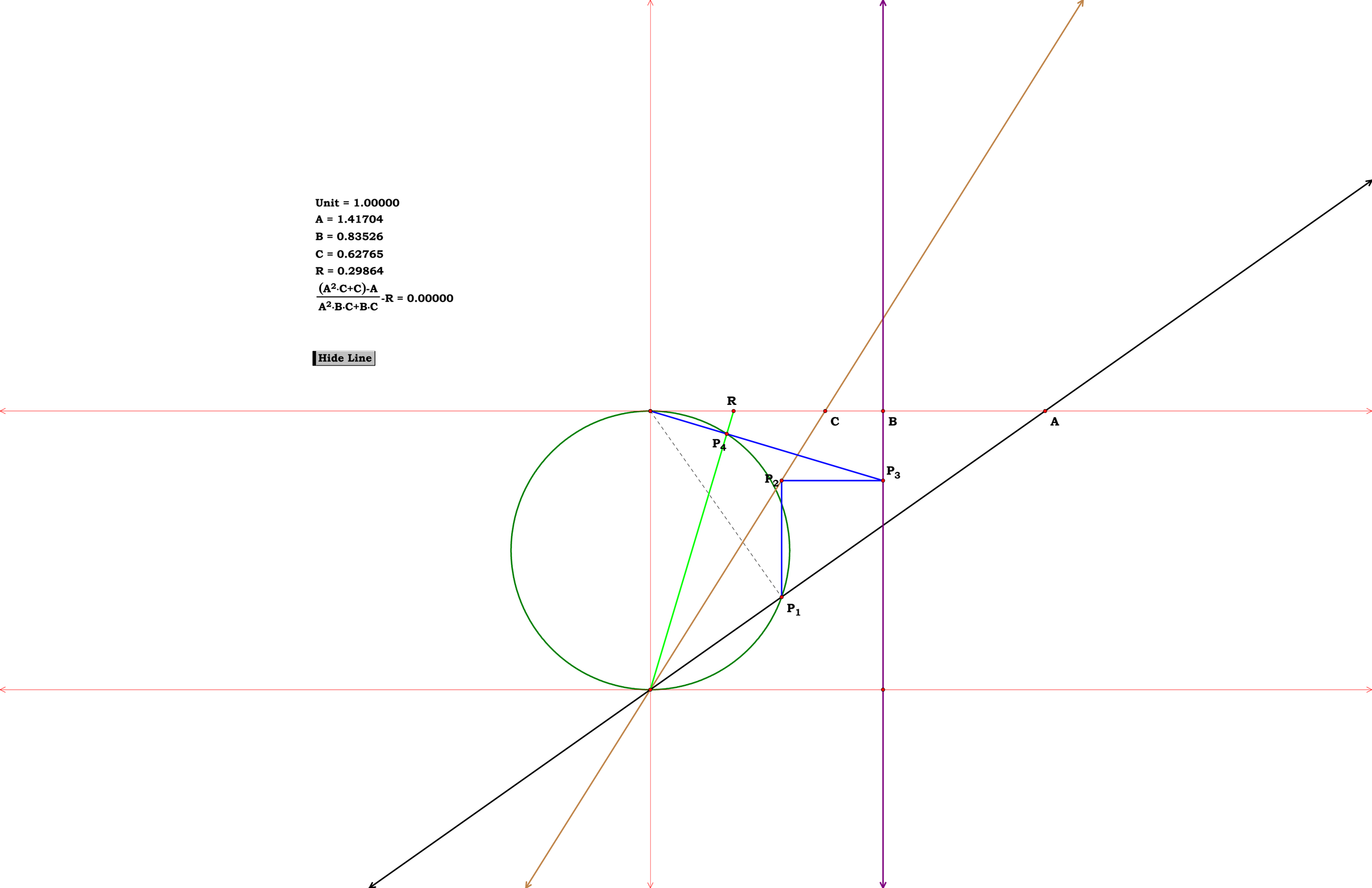

Unit = 1.00000

A = 1.42428

B = 0.66145

C = 0.94147

R = 0.58881

$$\frac{2 \cdot A \cdot B \cdot C}{\left(\sqrt{A^2 - 4 \cdot B^2 \cdot C^2} + \sqrt{A^2}\right) \cdot \sqrt{A^2}} - R = 0.00000$$

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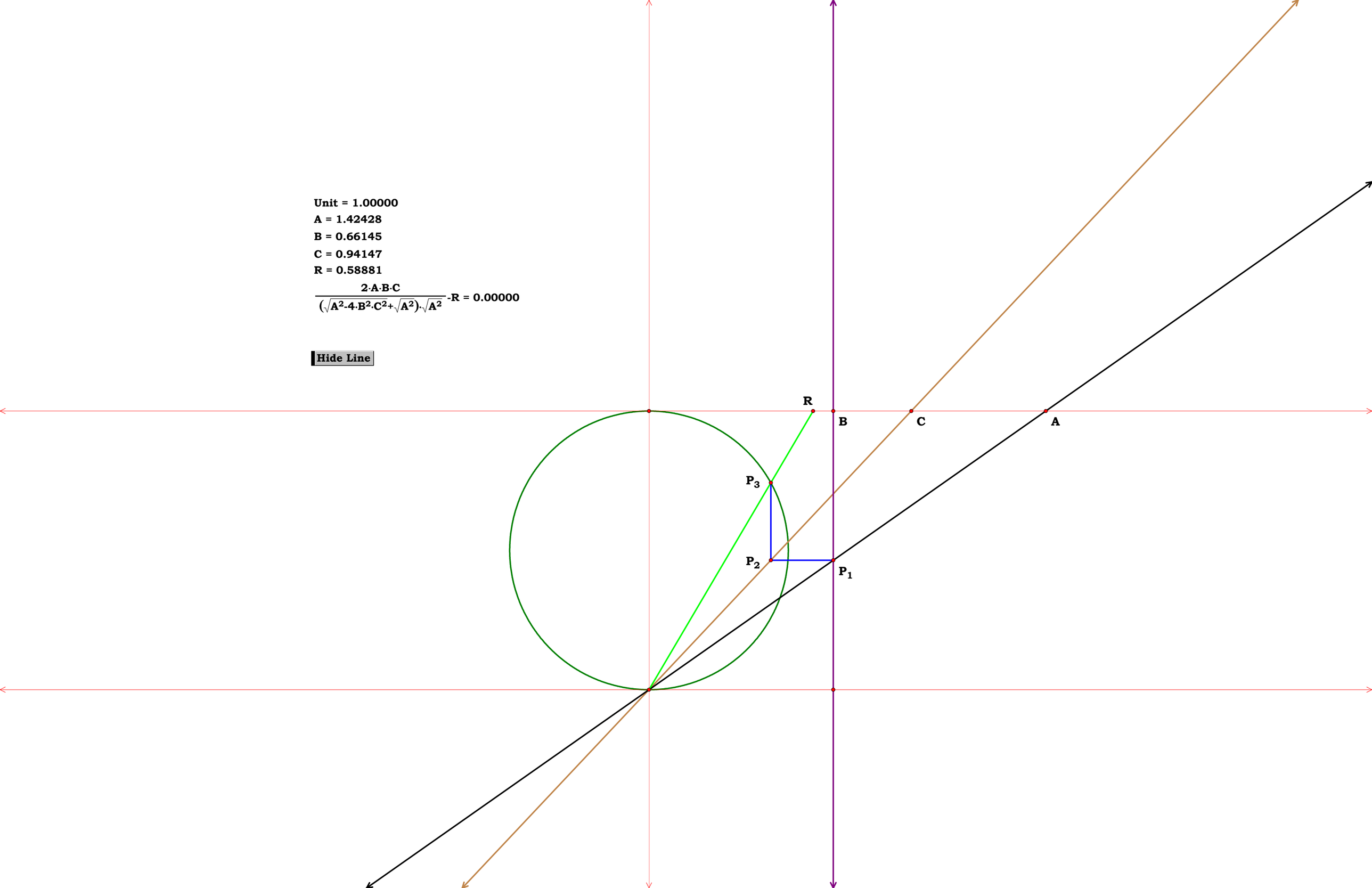


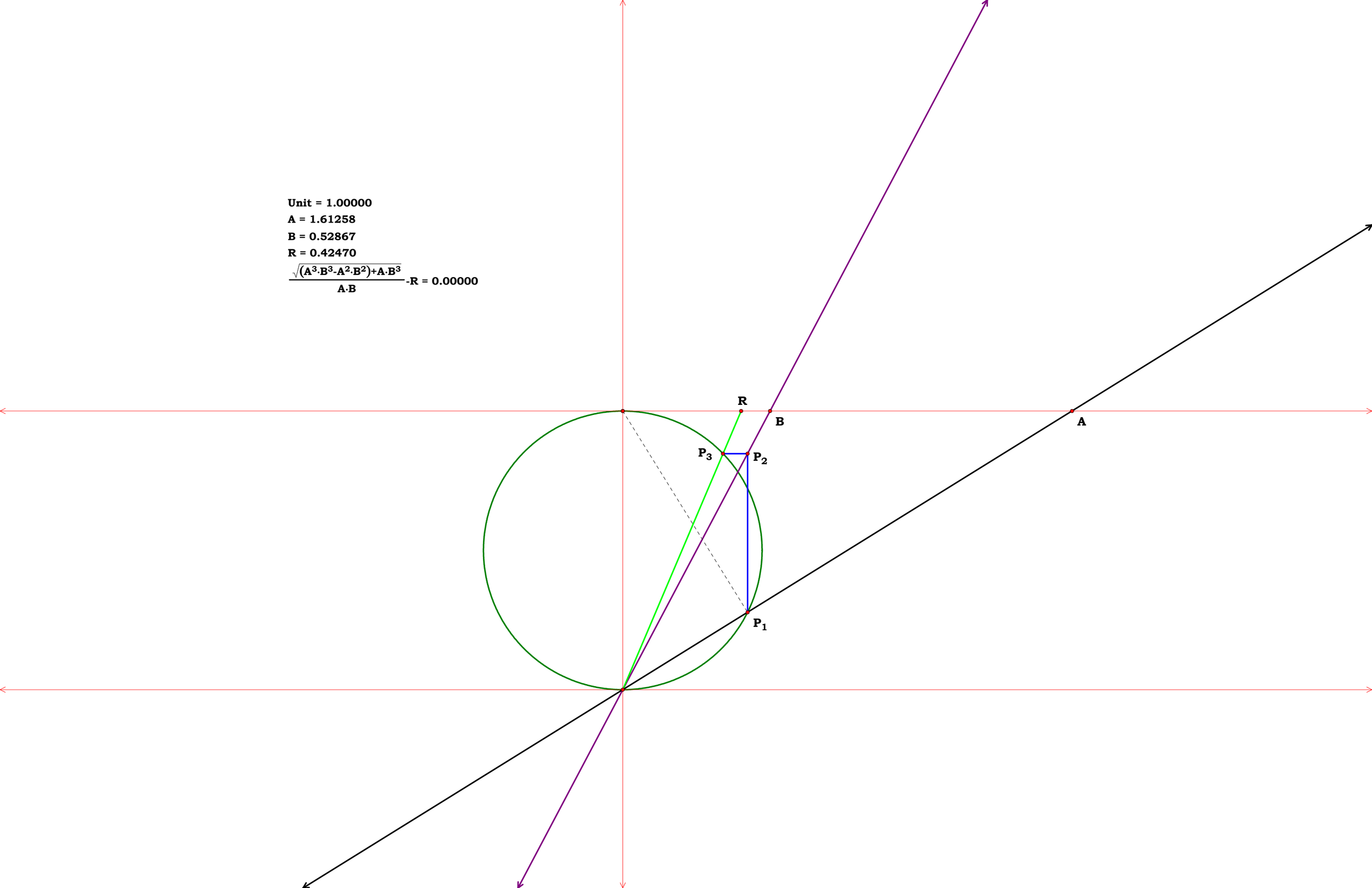
Unit = 1.00000

A = 1.61258

B = 0.52867

R = 0.42470

$$\frac{\sqrt{(A^3 \cdot B^3 - A^2 \cdot B^2) + A \cdot B^3}}{A \cdot B} - R = 0.00000$$



Unit = 1.00000

A = 1.36634

B = 0.72904

C = 0.56006

D = 1.17805

R = 1.06128

$$\frac{D\cdot\left(\sqrt{A^2-4\cdot B^2\cdot C^2}+\sqrt{A^2}\right)}{2\cdot\sqrt{A^2}}-R = 0.00000$$

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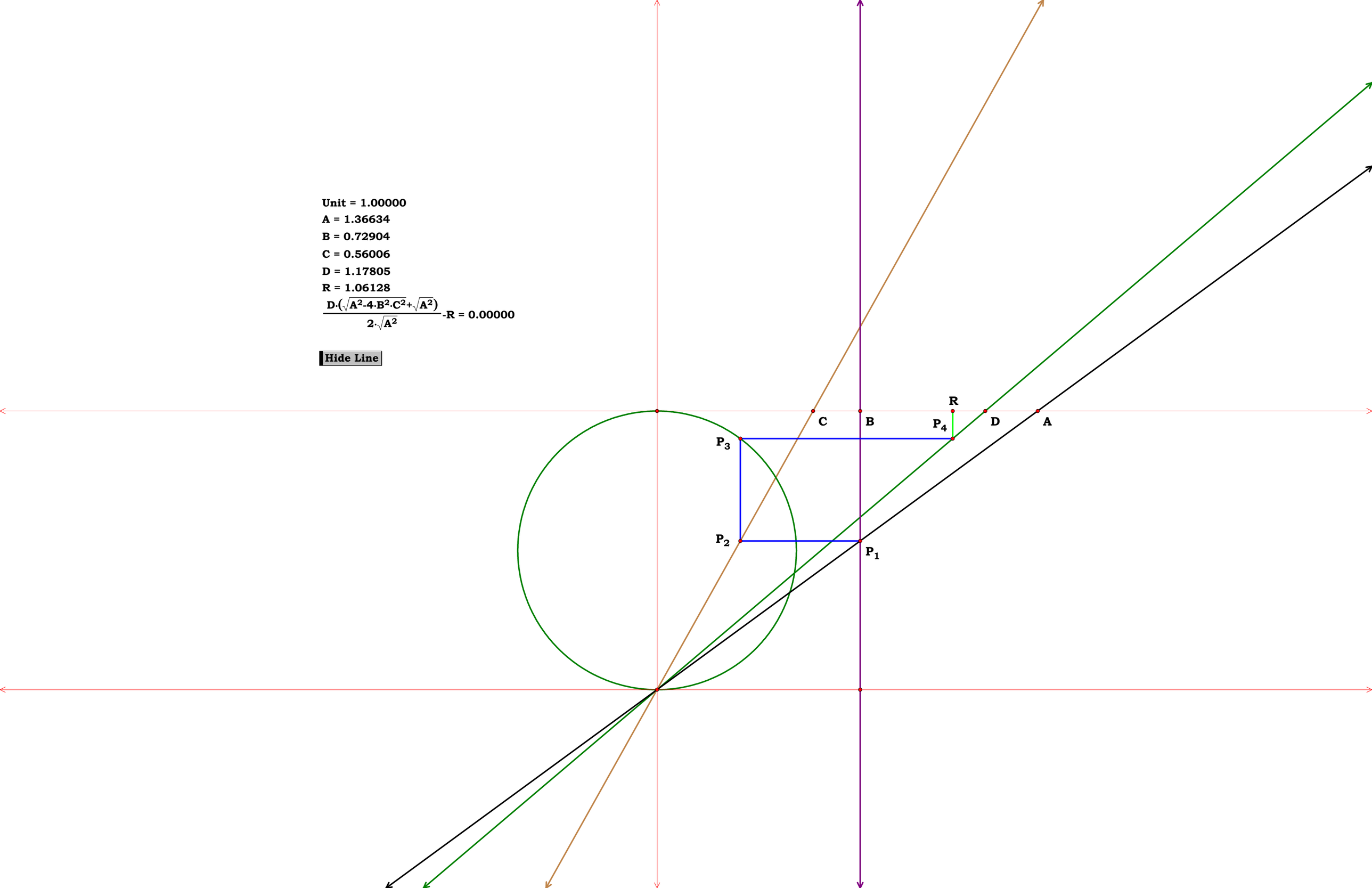

Unit = 1.00000

A = 1.30841

B = 0.61317

C = 0.77973

D = 0.92458

R = 1.09900

$$\frac{2 \cdot D \cdot \sqrt{A^2}}{\sqrt{A^2 - 4 \cdot B^2 \cdot C^2 + \sqrt{A^2}}} - R = 0.00000$$

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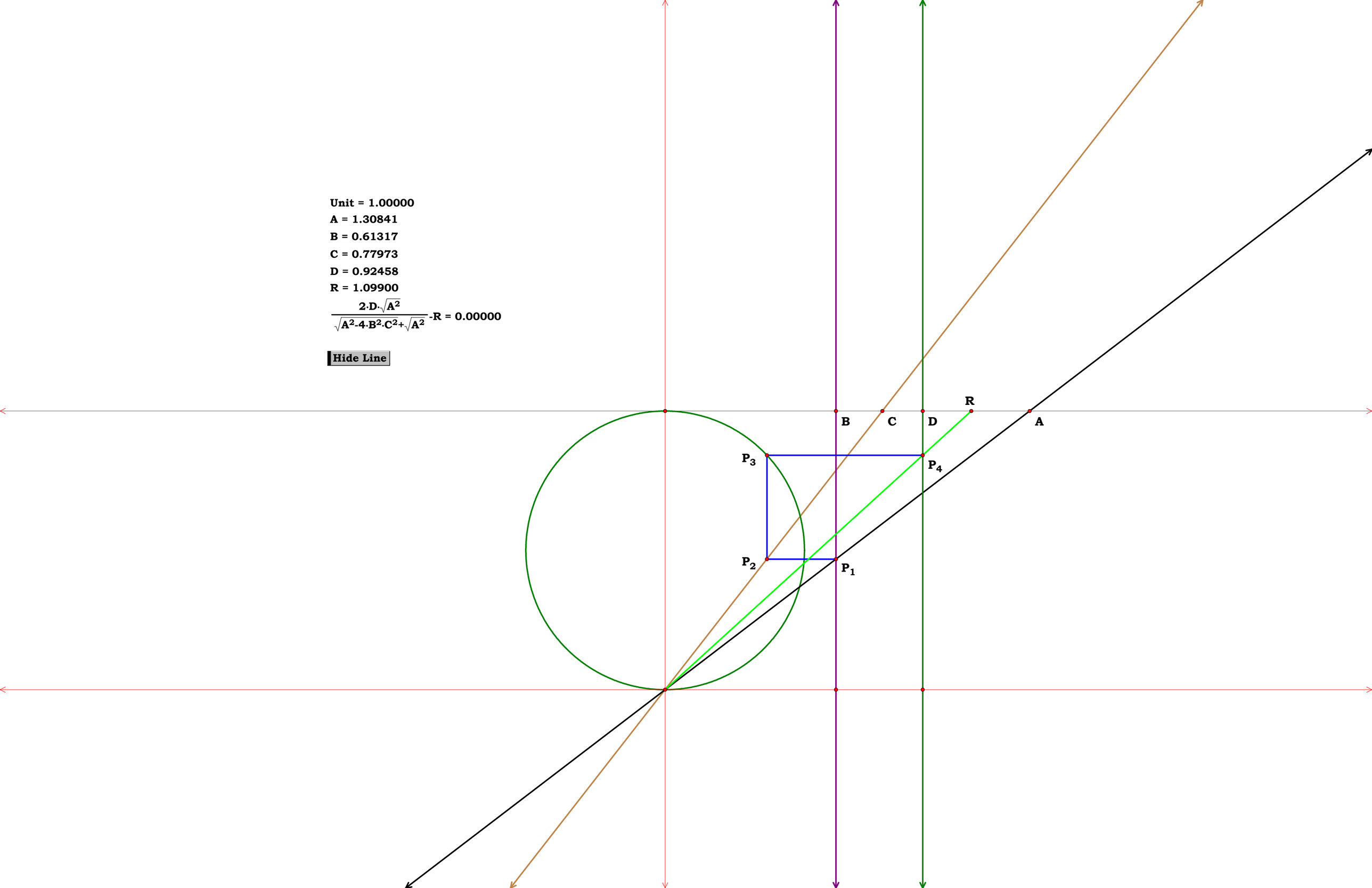

Unit = 1.00000

A = 1.42911

B = 0.64213

C = 0.77732

R = 1.06260

$\frac{A^2 \cdot B \cdot C + B \cdot C}{A} - R = 0.00000$

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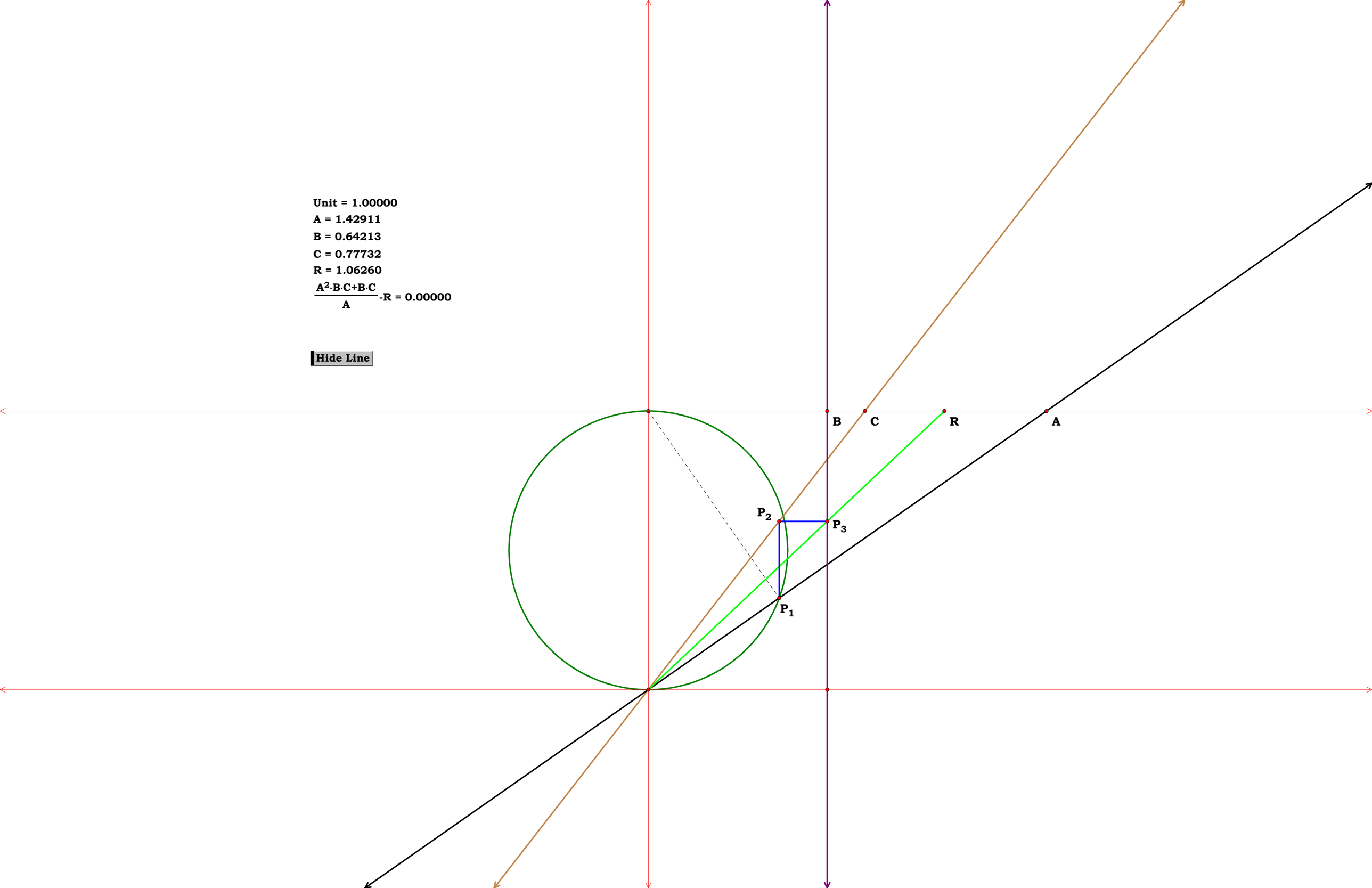

Unit = 1.00000
A = 2.07366
B = 0.80387
C = 0.63248
D = 1.23357
E = 0.93182
F = 1.12494
x_I = 1.49648

$$\frac{B\cdot F\cdot(A^2+1)\cdot\left(\sqrt{D^2-4\cdot C^2\cdot E^2}+\sqrt{D^2}\right)}{2\cdot A\cdot\sqrt{D^2}}-x_I = 0.00000$$

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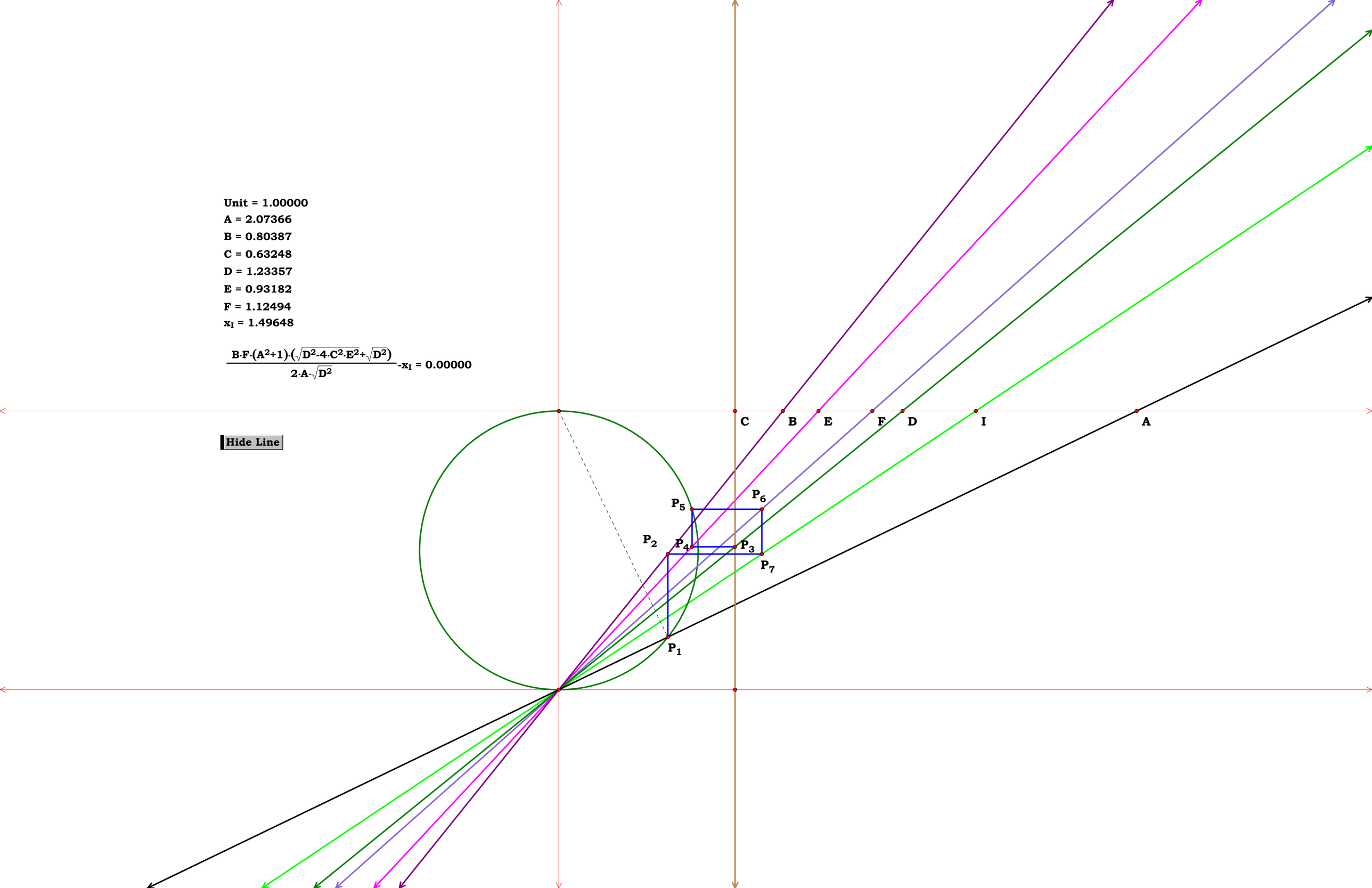


Unit = 1.00000

A = 0.95837

B = 0.70731

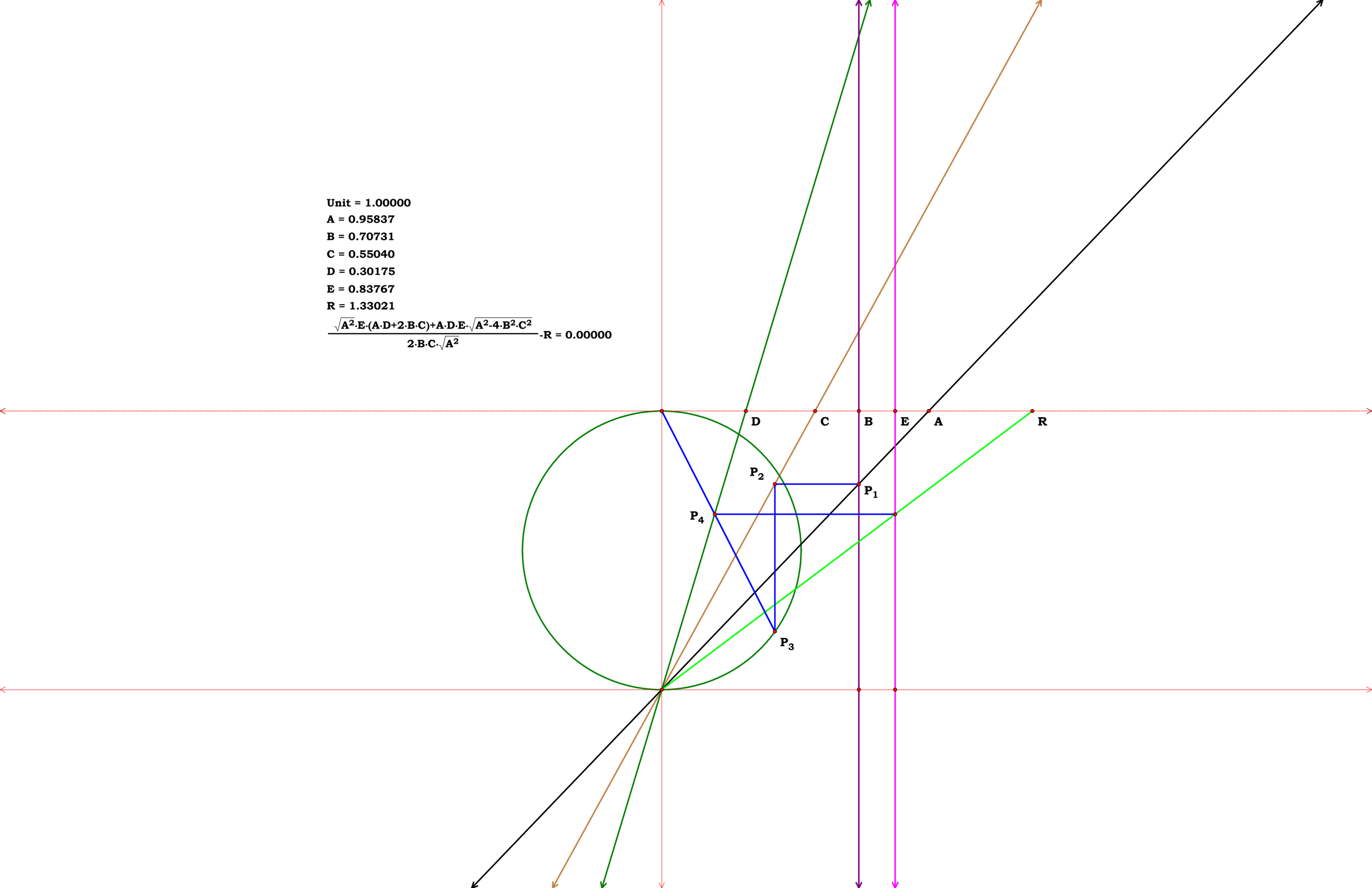
C = 0.55040

D = 0.30175

E = 0.83767

R = 1.33021

$$\frac{\sqrt{A^2}\cdot E\cdot(A\cdot D+2\cdot B\cdot C)+A\cdot D\cdot E\cdot\sqrt{A^2-4\cdot B^2\cdot C^2}}{2\cdot B\cdot C\cdot\sqrt{A^2}}-R = 0.00000$$



Unit = 1.00000

A = 1.55222

B = 0.56247

C = 0.75077

R = 0.92753

$\frac{B \cdot C \cdot (A^2+1)}{A}$ -R = 0.00000

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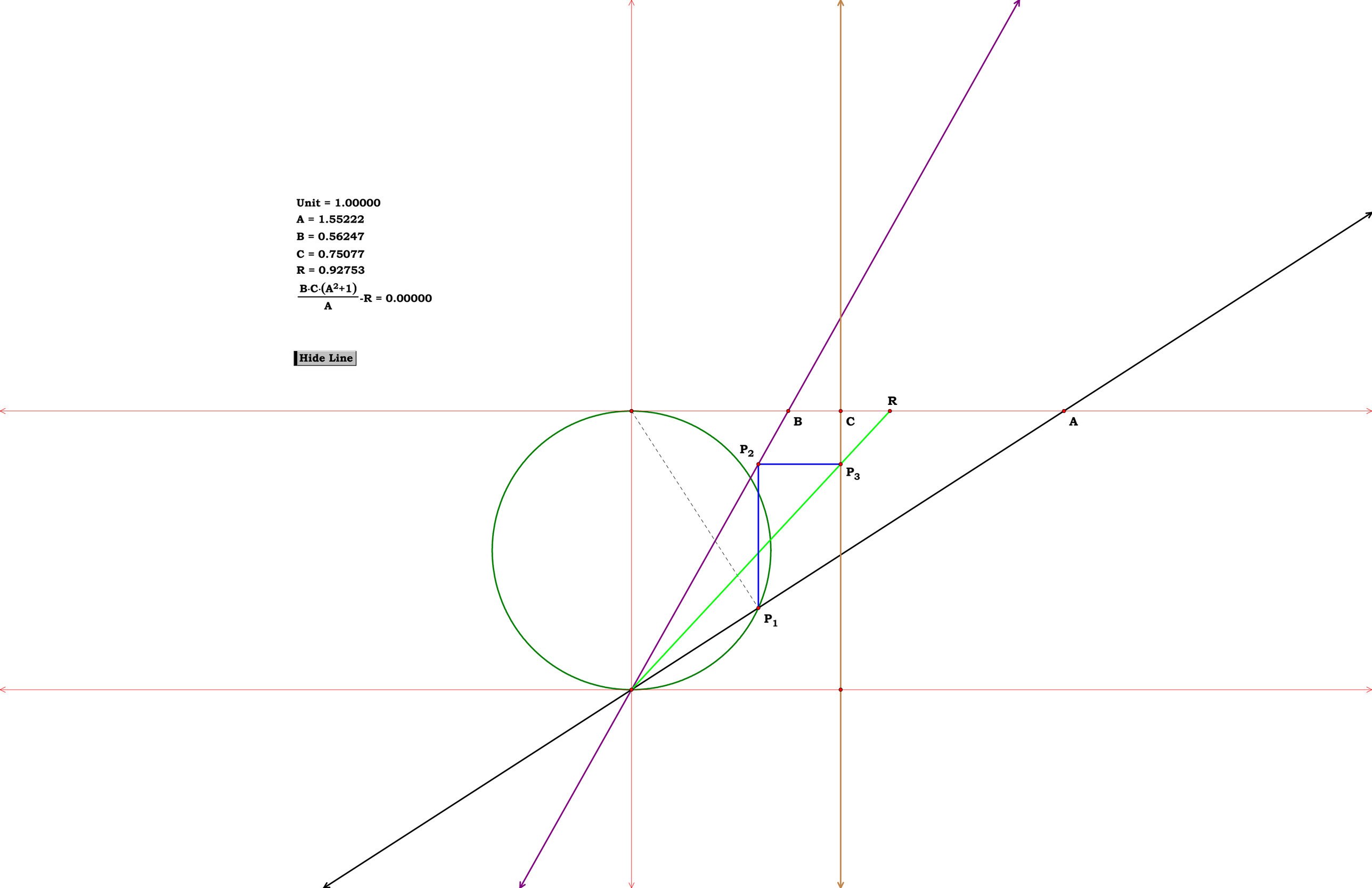


Unit = 1.00000

A = 1.44842

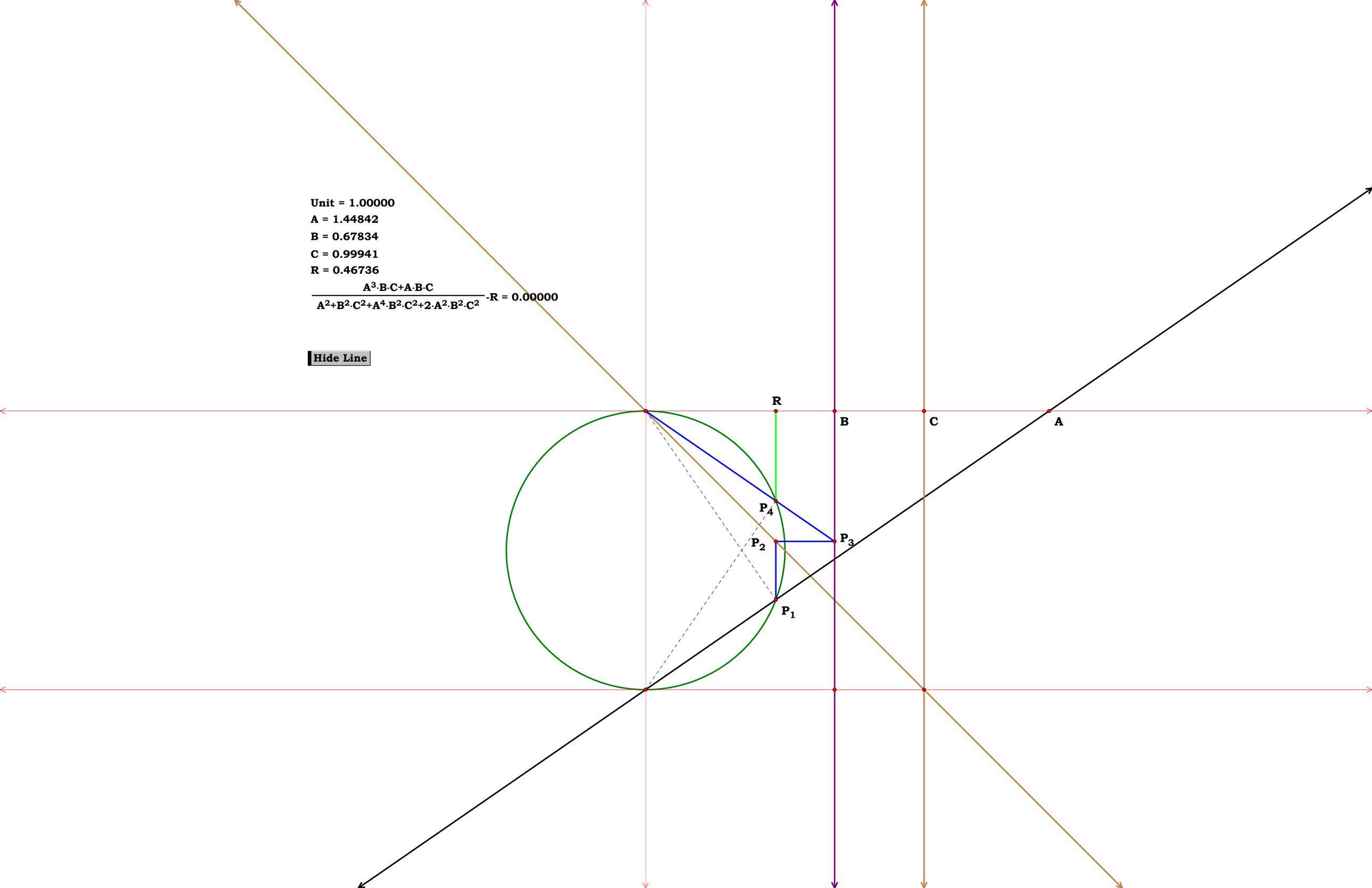
B = 0.67834

C = 0.99941

R = 0.46736

$$\frac{A^3 \cdot B \cdot C + A \cdot B \cdot C}{A^2 + B^2 \cdot C^2 + A^4 \cdot B^2 \cdot C^2 + 2 \cdot A^2 \cdot B^2 \cdot C^2} - R = 0.00000$$

Hide Line



Unit = 1.00000

A = 1.61982

B = 0.81353

C = 1.02597

R = 0.53554

$$\frac{A}{A^2 \cdot B \cdot C + B \cdot C} - R = 0.00000$$

Hide Line

R

B

C

A

Unit = 1.00000

A = 1.73328

B = 1.57395

C = 0.91009

D = 1.05735

R = 1.24795

$$\frac{A^2 \cdot B \cdot C + A \cdot D + B \cdot C}{B \cdot C \cdot D \cdot (A^2+1)} - R = 0.00000$$

P_5 R C D B A P_4 P_3 P_2 P_6 P_1

Unit = 1.00000

A = 0.48039

B = 0.95596

C = 0.66145

D = 1.67293

R = 0.82302

$$\frac{B\cdot C\cdot D\cdot(A^2+1)}{B\cdot C\cdot(A^2+1)+A\cdot D}-R = 0.00000$$

A

C

R

B

D

P_1

P_2

P_3

P_4

Unit = 1.00000
A = 1.75983
B = 0.65179
C = 1.25288
R = 0.99183
$\frac{A^2 \cdot B \cdot C + B \cdot C}{(A^2 \cdot C + C) - A} - R = 0.00000$

B
R
C
A
P_2
P_3
P_1

Unit = 1.00000

A = 1.19495

B = 0.65903

C = 1.05493

x_I = 1.41258

$\frac{A^2 \cdot B \cdot C + B \cdot C}{A} - x_I$ = 0.00000

Hide Line

B

C

A

I

P_2

P_3

P_1

Unit = 1.00000

A = 1.56188

B = 0.84974

C = 0.98010

R = 0.37328

$$\frac{2\cdot B\cdot C\cdot\sqrt{(A+C)^2}}{(A+C)\cdot\left(\sqrt{A+C^2}+\sqrt{((A+C)-2\cdot B\cdot C)\cdot(A+C+2\cdot B\cdot C)}\right)}-R = 0.00000$$

R

B

C

A

P_1

P_1

P_1

Unit = 1.00000

A = 1.61258

B = 0.94389

C = 0.56730

D = 0.71455

E = 1.29634

R = 1.00652

$$\frac{\left(D\cdot E\cdot\sqrt{\left(\sqrt{B\cdot C\cdot(D\cdot(A+B)-B\cdot C)}\cdot D\cdot E\cdot(A+B)-B\cdot C\cdot\sqrt{D^2\cdot(A+B)^2}\right)\cdot(D\cdot(A+B)-B\cdot C)}\cdot(A+B)\cdot(D\cdot(A+B)-B\cdot C)\right)}{\left(\sqrt{E^2\cdot\sqrt{(D\cdot(A+B)-B\cdot C)^2}\cdot\sqrt{B\cdot C\cdot(D\cdot(A+B)-B\cdot C)}}\cdot\sqrt{D^2\cdot\sqrt{D^2\cdot(A+B)^2\cdot(A+B)^2}}\right)} - R = 0.00000$$

P_5 R

C D B E A

P_3 P_4

P_6

P_7

P_2

P_1

$$D\cdot E\cdot\sqrt{\left(\sqrt{B\cdot C\cdot(D\cdot(A+B)-B\cdot C)}\cdot D\cdot E\cdot(A+B)-B\cdot C\cdot\sqrt{D^2\cdot(A+B)^2}\right)\cdot(D\cdot(A+B)-B\cdot C)}\cdot(A+B)\cdot(D\cdot(A+B)-B\cdot C) = 3.45893$$

$$\sqrt{E^2\cdot\sqrt{(D\cdot(A+B)-B\cdot C)^2}\cdot\sqrt{B\cdot C\cdot(D\cdot(A+B)-B\cdot C)}}\cdot\sqrt{D^2\cdot\sqrt{D^2\cdot(A+B)^2\cdot(A+B)^2}} = 3.43653$$

Unit = 1.00000

A = 1.71638

B = 1.17805

C = 0.96079

D = 0.68800

R = 0.53485

$$\frac{D\cdot\sqrt{B^2}\cdot\left(\sqrt{A\cdot B}+B\cdot C\right)\cdot\sqrt{B\cdot\left(\left(C^2\cdot D\cdot\sqrt{A\cdot B}-A\cdot C^2\right)+A\cdot C\cdot D\right)}}{C\cdot\sqrt{(B\cdot D)^2}\cdot\sqrt{A\cdot B}\cdot\sqrt{\left(\sqrt{A\cdot B}+B\cdot C\right)^2}}-R = 0.00000$$

Hide Line

R

D

C

B

A

P_5

P_4

P_3

P_3

P_1

Unit = 1.00000

A = 1.56188

B = 1.41704

C = 1.20943

D = 1.86605

R = 0.66763

$$\frac{D\cdot(A+B)\cdot\sqrt{B\cdot C\cdot((A\cdot D-B\cdot C)+B\cdot D)}}{\sqrt{(D\cdot(A+B))^2\cdot((A\cdot D-B\cdot C)+B\cdot D)}}-R = 0.00000$$

R

C

B

A

D

P_4

P_3

P_2

P_1

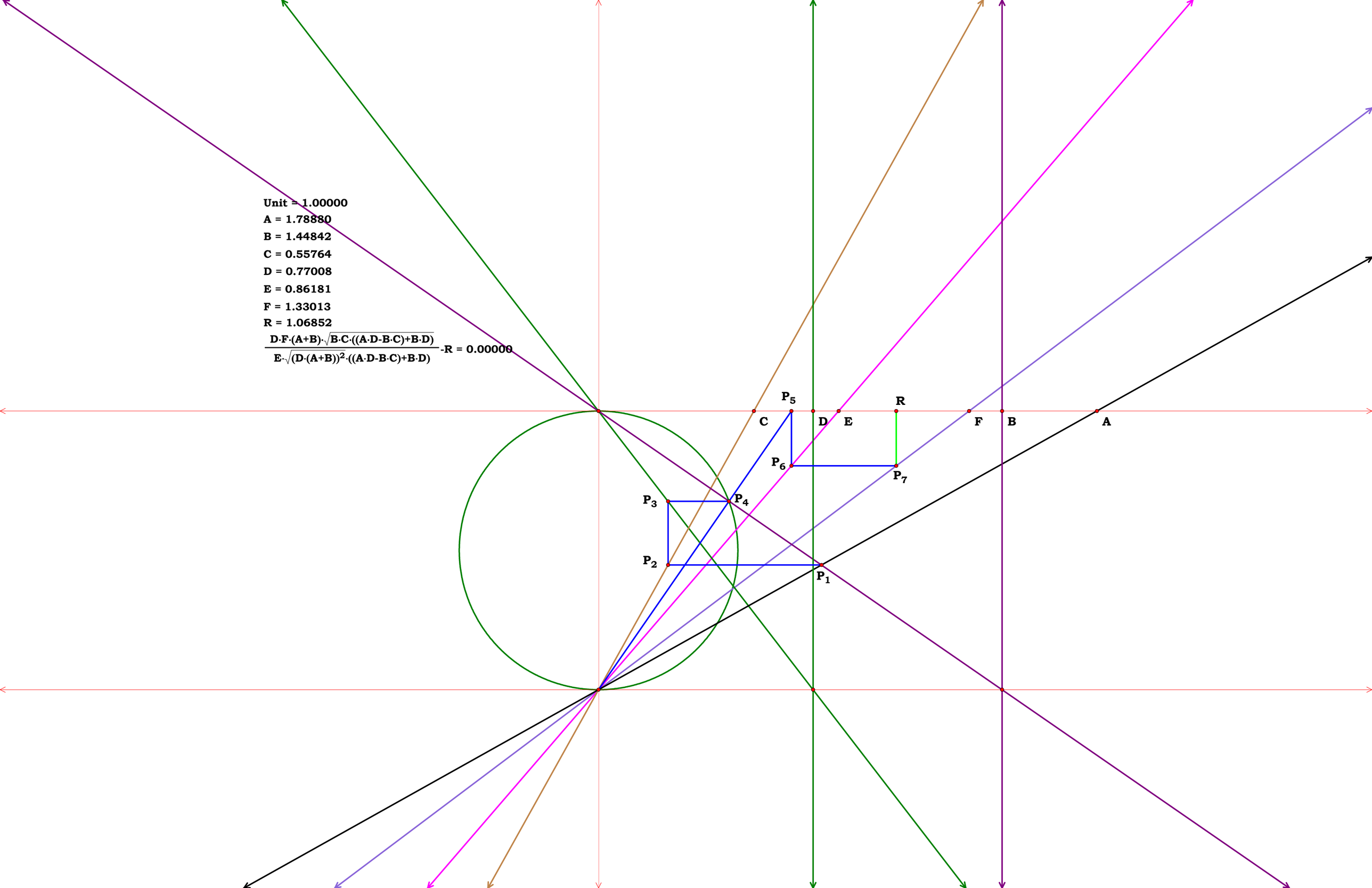
Unit = 1.00000
A = 1.67775
B = 1.12977
C = 0.60592
D = 0.89802
E = 1.05252
R = 0.48287

$$\frac{D\cdot E\cdot(A+B)\cdot((A\cdot D-B\cdot C)+B\cdot D)}{D^2\cdot(A+B)^2+(B\cdot C\cdot E)^2+D\cdot E^2\cdot(A+B)\cdot((A\cdot D-2\cdot B\cdot C)+B\cdot D)}-R = 0.00000$$

R
P_5
C
D
E
B
A
P_3
P_4
P_6
P_2
P_1

Unit = 1.00000
A = 1.78880
B = 1.44842
C = 0.55764
D = 0.77008
E = 0.86181
F = 1.33013
R = 1.06852

$$\frac{D\cdot F\cdot(A+B)\cdot\sqrt{B\cdot C\cdot((A\cdot D-B\cdot C)+B\cdot D)}}{E\cdot\sqrt{(D\cdot(A+B))^2}\cdot((A\cdot D-B\cdot C)+B\cdot D)}-R = 0.00000$$



Unit = 1.00000

A = 1.67534

B = 1.26013

C = 1.03562

D = 0.82077

R = 0.59820

$$\frac{D\cdot\left(\sqrt{(A+B)^2}+\sqrt{(A+B+2\cdot B\cdot C)\cdot((A+B)-2\cdot B\cdot C)}\right)}{2\cdot\sqrt{(A+B)^2}}-R = 0.00000$$

R

D

C

B

A

P_3

P_4

P_2

P_1

Unit = 1.00000

A = 1.60292

B = 1.19978

C = 0.94147

D = 0.59385

R = 0.74612

$$\frac{2\cdot D\cdot\sqrt{(A+B)^2}}{\sqrt{(A+B)^2}+\sqrt{(A+B+2\cdot B\cdot C)\cdot((A+B)-2\cdot B\cdot C)}}-R = 0.00000$$

R

D

C

B

A

P_4

P_3

P_2

P_1

Unit = 1.00000

A = 1.92640

B = 1.18771

C = 0.44418

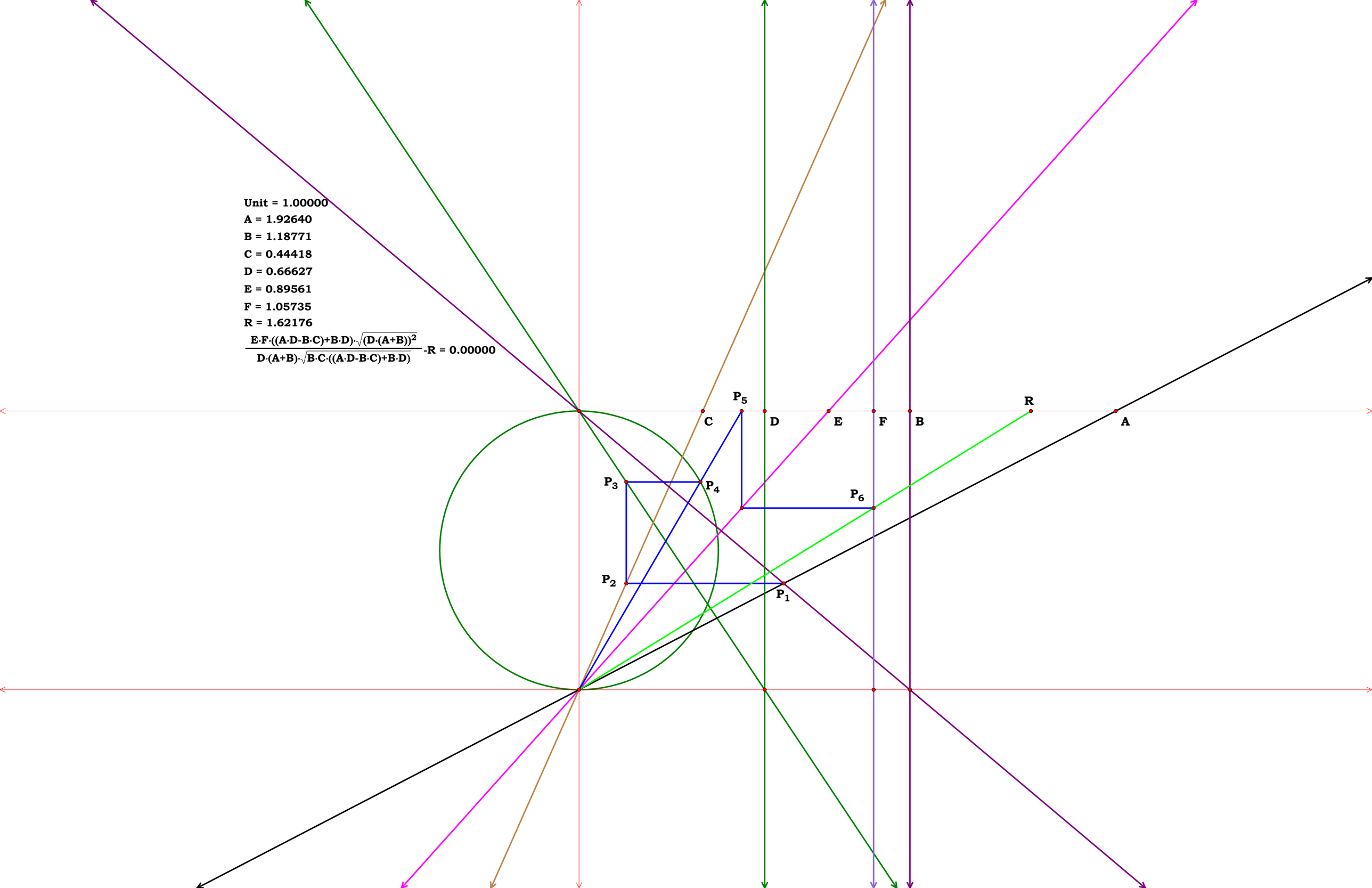
D = 0.66627

E = 0.89561

F = 1.05735

R = 1.62176

$$\frac{E\cdot F\cdot((A\cdot D-B\cdot C)+B\cdot D)\cdot\sqrt{(D\cdot(A+B))^2}}{D\cdot(A+B)\cdot\sqrt{B\cdot C\cdot((A\cdot D-B\cdot C)+B\cdot D)}}-R = 0.00000$$



Unit = 1.00000

A = 1.67534

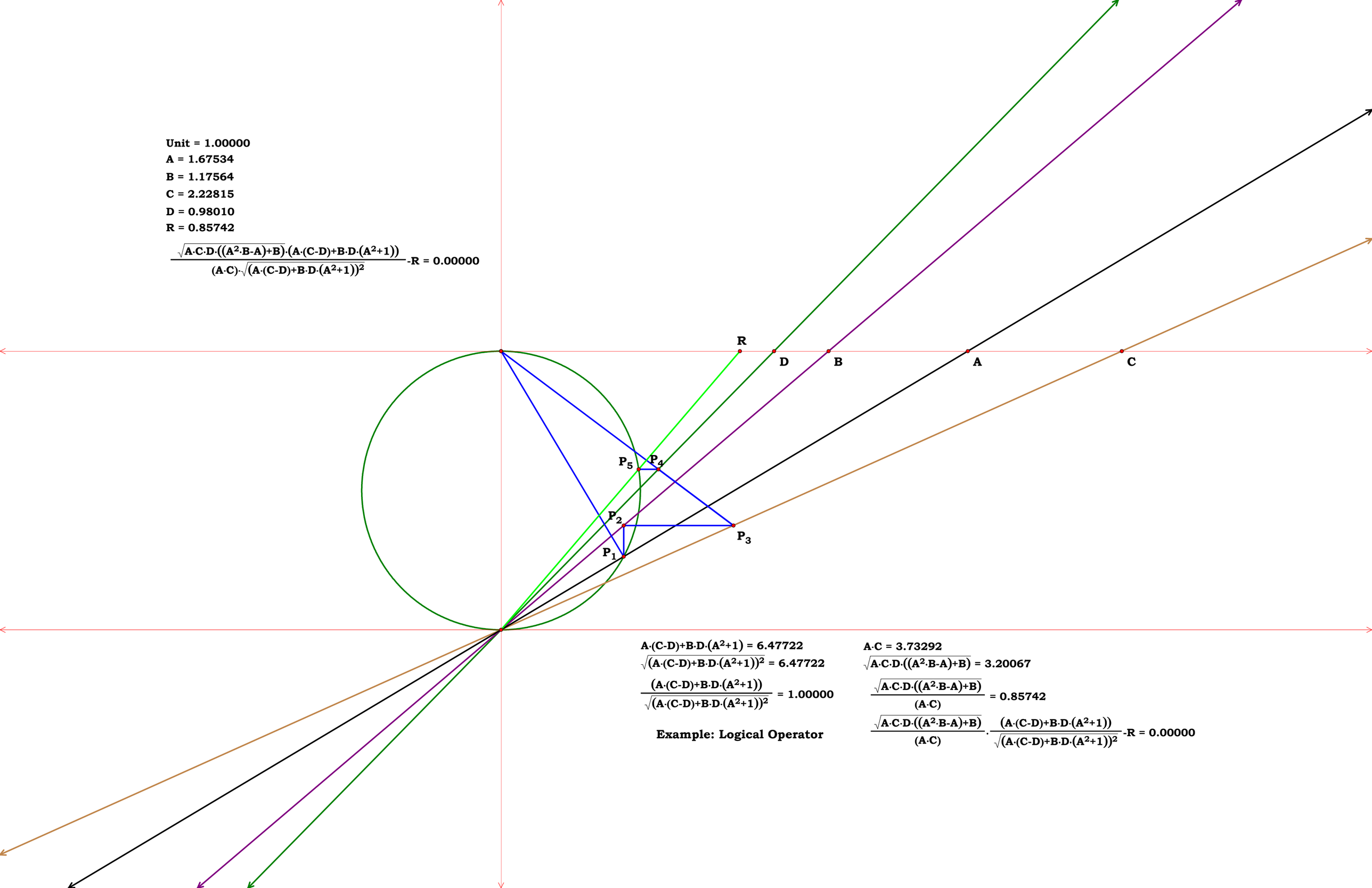
B = 1.17564

C = 2.22815

D = 0.98010

R = 0.85742

$$\frac{\sqrt{A\cdot C\cdot D\cdot\left(\left(A^2\cdot B-A\right)+B\right)}\cdot\left(A\cdot(C-D)+B\cdot D\cdot\left(A^2+1\right)\right)}{(A\cdot C)\cdot\sqrt{\left(A\cdot(C-D)+B\cdot D\cdot\left(A^2+1\right)\right)^2}}-R = 0.00000$$



$A\cdot(C-D)+B\cdot D\cdot\left(A^2+1\right) = 6.47722$

$\sqrt{\left(A\cdot(C-D)+B\cdot D\cdot\left(A^2+1\right)\right)^2} = 6.47722$

$$\frac{\left(A\cdot(C-D)+B\cdot D\cdot\left(A^2+1\right)\right)}{\sqrt{\left(A\cdot(C-D)+B\cdot D\cdot\left(A^2+1\right)\right)^2}} = 1.00000$$

Example: Logical Operator

$A\cdot C = 3.73292$

$\sqrt{A\cdot C\cdot D\cdot\left(\left(A^2\cdot B-A\right)+B\right)} = 3.20067$

$$\frac{\sqrt{A\cdot C\cdot D\cdot\left(\left(A^2\cdot B-A\right)+B\right)}}{(A\cdot C)} = 0.85742$$

$$\frac{\sqrt{A\cdot C\cdot D\cdot\left(\left(A^2\cdot B-A\right)+B\right)}}{(A\cdot C)}\cdot\frac{\left(A\cdot(C-D)+B\cdot D\cdot\left(A^2+1\right)\right)}{\sqrt{\left(A\cdot(C-D)+B\cdot D\cdot\left(A^2+1\right)\right)^2}}-R = 0.00000$$

Unit = 1.00000
A = 1.47015
B = 1.16357
C = 1.75742
D = 0.72904
E = 1.96744
R = 0.58204

$$\frac{A \cdot C \cdot D \cdot E}{D \cdot E \cdot ((A^2 \cdot B - A) + B) - A \cdot C \cdot (D - E)} - R = 0.00000$$

R
D
B
A
C
E
P_4
P_4
P_2
P_3
P_1

Unit = 1.00000

A = 1.42428

B = 0.83526

C = 0.58661

R = 0.45526

$\frac{(A^2 \cdot B \cdot C + B \cdot C) - A \cdot C}{A} - R = 0.00000$

R

C

B

A

P_3

P_3

P_1

Unit = 1.00000

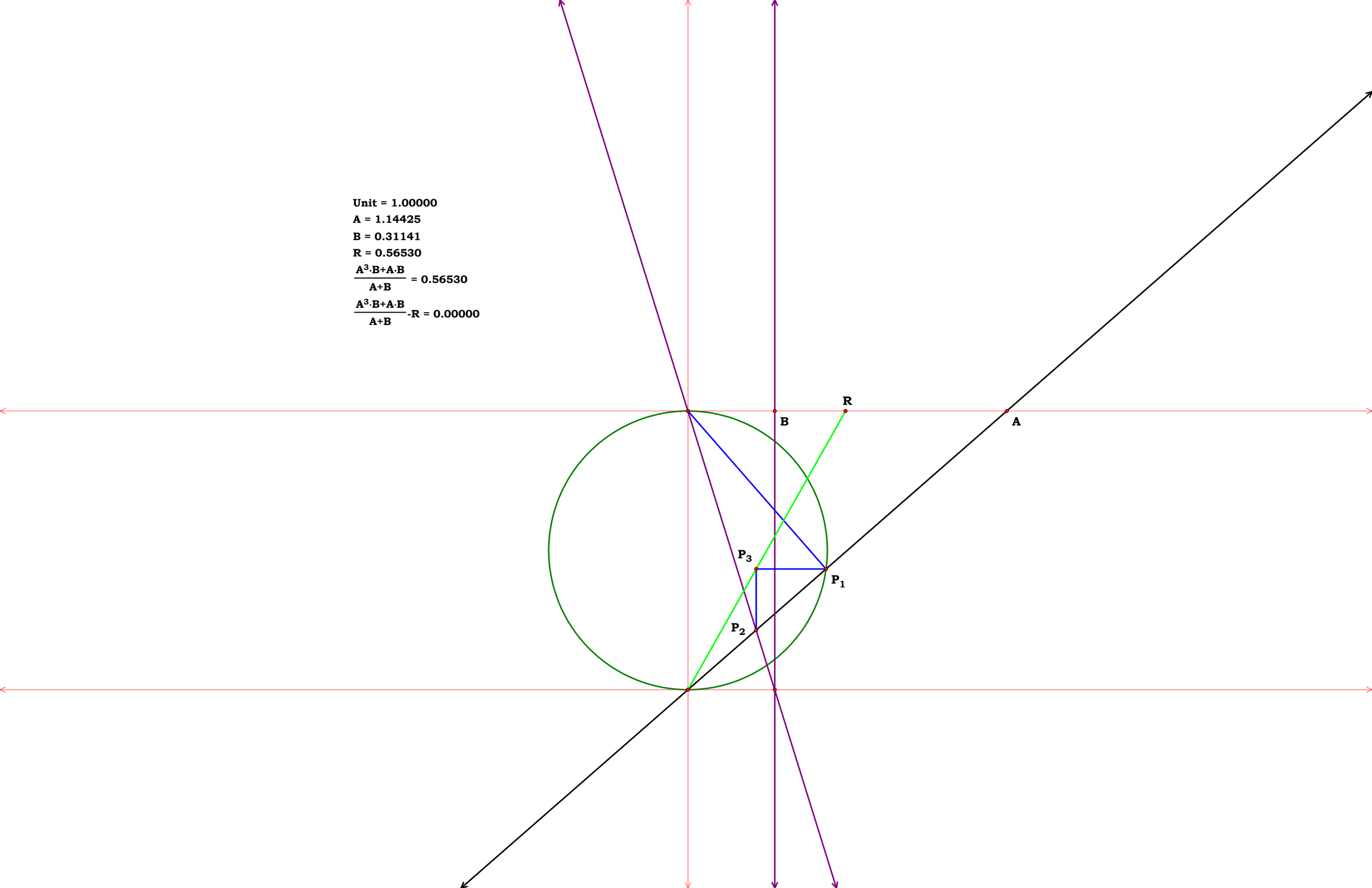
A = 1.14425

B = 0.31141

R = 0.56530

$\frac{A^3 \cdot B + A \cdot B}{A+B}$ = 0.56530

$\frac{A^3 \cdot B + A \cdot B}{A+B}$ -R = 0.00000



Unit = 1.00000

A = 1.38083

B = 0.95837

C = 0.49488

R = 0.72543

$\frac{(A^2 \cdot B \cdot C + B \cdot C) - A \cdot C}{B} - R = 0.00000$

C

R

B

A

P_3

P_2

P_4

P_1

Unit = 1.00000

A = 1.45808

B = 0.89078

C = 1.07907

R = 1.20126

$\frac{A^3 \cdot C}{A^2 \cdot B + B} - R = 0.00000$

B

C

R

A

P_3

P_4

P_2

P_1

Unit = 1.00000

A = 1.42911

B = 0.82801

C = 0.95113

D = 0.37659

R = 0.48837

$\frac{B \cdot D \cdot (A^2+1)}{A^2 \cdot C}$ -R = 0.00000

R

D

B

C

A

P_4

P_3

P_2

P_1

Unit = 1.00000

A = 1.21185

B = 0.73628

C = 1.40014

D = 1.06700

R = 0.94927

$$\frac{B^2 \cdot C}{(A^2 \cdot D^2 - 2 \cdot A \cdot B \cdot D^2) + B^2 \cdot D^2 + B^2} - R = 0.00000$$

R

B

D

A

C

P_3

P_1

P_2

P_4

Unit = 1.00000

A = 1.94088

B = 0.94872

C = 1.19736

D = 1.38324

E = 1.56671

R = 0.82086

$$\frac{B^2 \cdot D \cdot E}{C^2 \cdot E \cdot (A-B)^2 - B^2 \cdot (D-E)} - R = 0.00000$$

R

B

C

D

E

A

P_5

P_2

P_1

P_3

P_4

Unit = 1.00000

A = 1.60051

B = 1.05011

C = 1.87088

D = 0.42246

E = 0.86181

R = 0.57720

$$\frac{E\cdot\sqrt{B^2\cdot D}\cdot\sqrt{C^2\cdot E\cdot(A-B)^2-B^2\cdot(D-E)}}{\sqrt{E^2}\cdot\left(C^2\cdot E\cdot(A-B)^2-B^2\cdot(D-E)\right)}-R = 0.00000$$

R

D

E

B

A

C

P_5

P_6

P_2

P_1

P_4

P_3

Unit = 1.00000

A = 1.69224

B = 0.55764

C = 1.24806

D = 1.14184

R = 0.82236

$$\frac{A^2 \cdot B \cdot C + B \cdot C}{A^2 \cdot D} - R = 0.00000$$

R

B

D

C

A

P_4

P_3

P_1

P_2

Unit = 1.00000

A = 1.59326

B = 0.93665

C = 1.80328

D = 0.70490

E = 1.19495

F = 1.07907

R = 1.39605

$$\frac{E\cdot F\cdot\left(A\cdot C^2\cdot(A-2\cdot B)+B^2\cdot\left(C^2+1\right)\right)}{E\cdot\left(A\cdot C^2\cdot(A-2\cdot B)+B^2\cdot\left(C^2+1\right)\right)-B^2\cdot D}-R = 0.00000$$

D B F E R A C

P_1 P_2 P_3 P_4 P_5 P_6

Unit = 1.00000

A = 2.16056

B = 1.42187

C = 1.07183

D = 0.97286

E = 0.60351

R = 0.74842

$$\frac{B\cdot D\cdot E\cdot(A^2+1)}{C\cdot((A^2\cdot B-A)+B)}-R = 0.00000$$

R

E

D

C

B

A

P_5

P_4

P_2

P_3

P_1

Unit = 1.00000

A = 1.80811

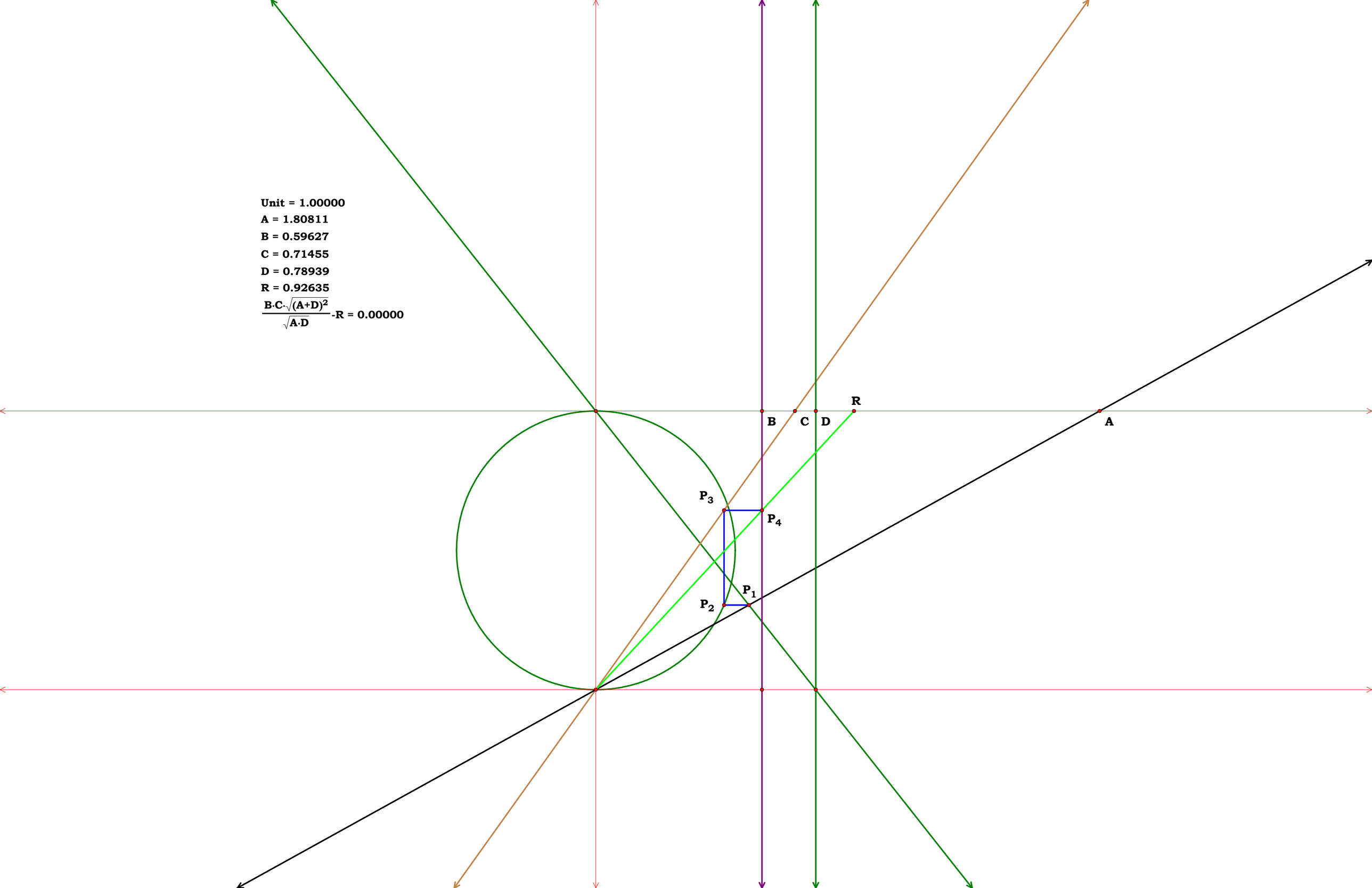
B = 0.59627

C = 0.71455

D = 0.78939

R = 0.92635

$\frac{B \cdot C \cdot \sqrt{(A+D)^2}}{\sqrt{A \cdot D}} - R = 0.00000$



Unit = 1.00000

A = 0.96561

B = 1.52326

C = 0.55764

D = 0.70731

R = 0.45869

$$\frac{2\cdot B\cdot D\cdot\sqrt{(A\cdot(B+C)-B\cdot C)^2}\cdot(A-C)}{\left(\sqrt{(A\cdot(B+C)-B\cdot C)^2}+\sqrt{((2\cdot D+1)\cdot A\cdot B+C\cdot(A-B-2\cdot B\cdot D))\cdot((1-2\cdot D)\cdot A\cdot B+C\cdot((A-B)+2\cdot B\cdot D))}\right)\cdot(A\cdot(B+C)-B\cdot C)}-R = 0.00000$$

R

C

D

A

B

P_4

P_2

P_3

P_1

Unit = 1.00000

A = 1.35669

B = 1.08149

C = 0.67110

R = 0.49738

$$\frac{\sqrt{A^2 \cdot B \cdot C - A \cdot B \cdot C^2}}{\sqrt{((A \cdot B + A \cdot C) - B \cdot C)^2}} - R = 0.00000$$

R

C

B

A

P_2

P_3

P_1

N[1] -> 0
N[1] -> 1
N[1] -> 2
N[1] -> 3
N[1] -> 4
N[1] -> 5
N[1] -> 6
N[1] -> 7
N[1] -> 8
N[1] -> 9
N[1] -> 10
N[1] -> 11

N[2] -> 0
N[2] -> 1
N[2] -> 2
N[2] -> 3
N[2] -> 4
N[2] -> 5
N[2] -> 6
N[2] -> 7
N[2] -> 8
N[2] -> 9
N[2] -> 10
N[2] -> 11

N[3] -> 0
N[3] -> 1
N[3] -> 2
N[3] -> 3
N[3] -> 4
N[3] -> 5
N[3] -> 6
N[3] -> 7
N[3] -> 8
N[3] -> 9
N[3] -> 10
N[3] -> 11
Show Lines
Show Points

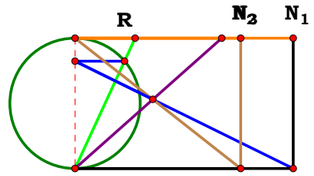
Show Intersections
Hide Objects

$N_1 = 1.67305$

$N_2 = 1.12592$

$N_3 = 1.27120$

$R = 0.46123$



$$\left(\frac{\sqrt{N_1^2 \cdot N_2 \cdot N_3 - N_1 \cdot N_2 \cdot N_3^2}}{N_1 \cdot N_3}\right) \cdot \left(\frac{(N_1 \cdot N_2 + N_1 \cdot N_3) - N_2 \cdot N_3}{\sqrt{((N_1 \cdot N_2 + N_1 \cdot N_3) - N_2 \cdot N_3)^2}}\right) - R = 0.00000$$

Unit = 1.00000
A = 1.52084
B = 1.76707
C = 1.14425
D = 1.07183
R = 0.62944

$$\frac{A \cdot B \cdot D}{(A \cdot B^2 \cdot D - A \cdot C) + C \cdot D} - R = 0.00000$$

R

D C A B

P_1

P_1

P_2

Unit = 1.00000

A = 1.21426

B = 1.05735

C = 1.69465

R = 0.74842

$$\frac{\left(A\cdot\sqrt{(B+C)^2}-\sqrt{B\cdot C}\right)\cdot(B+C)\cdot\sqrt{A\cdot B\cdot\left(A\cdot C\cdot\sqrt{(B+C)^2}-\sqrt{B\cdot C}\cdot(B+C)\right)}}{A\cdot B\cdot\sqrt{(B+C)^2}^{\frac{3}{2}}\cdot\sqrt{\left(\sqrt{B\cdot C}-A\cdot\sqrt{(B+C)^2}\right)^2}}-R = 0.00000$$

R

B

A

C

P_3

P_4

P_2

P_1

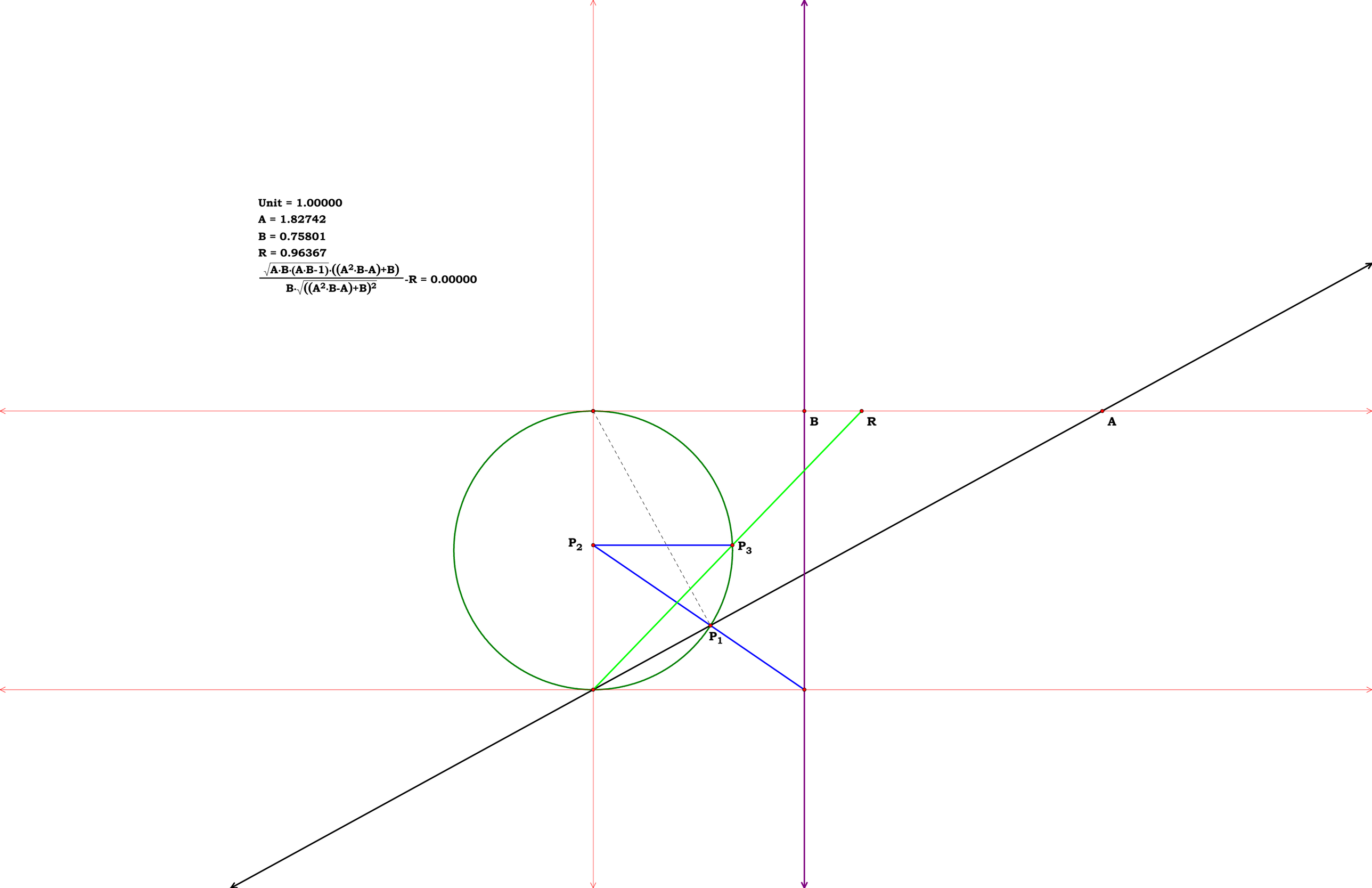
Unit = 1.00000

A = 1.82742

B = 0.75801

R = 0.96367

$$\frac{\sqrt{A\cdot B\cdot(A\cdot B-1)\cdot((A^2\cdot B-A)+B)}}{B\cdot\sqrt{((A^2\cdot B-A)+B)^2}}-R = 0.00000$$



Unit = 1.00000

A = 1.22874

B = 1.69224

C = 0.67110

R = 0.99757

$\frac{B \cdot C \cdot (A \cdot B - 1)}{A} - R = 0.00000$

C

R

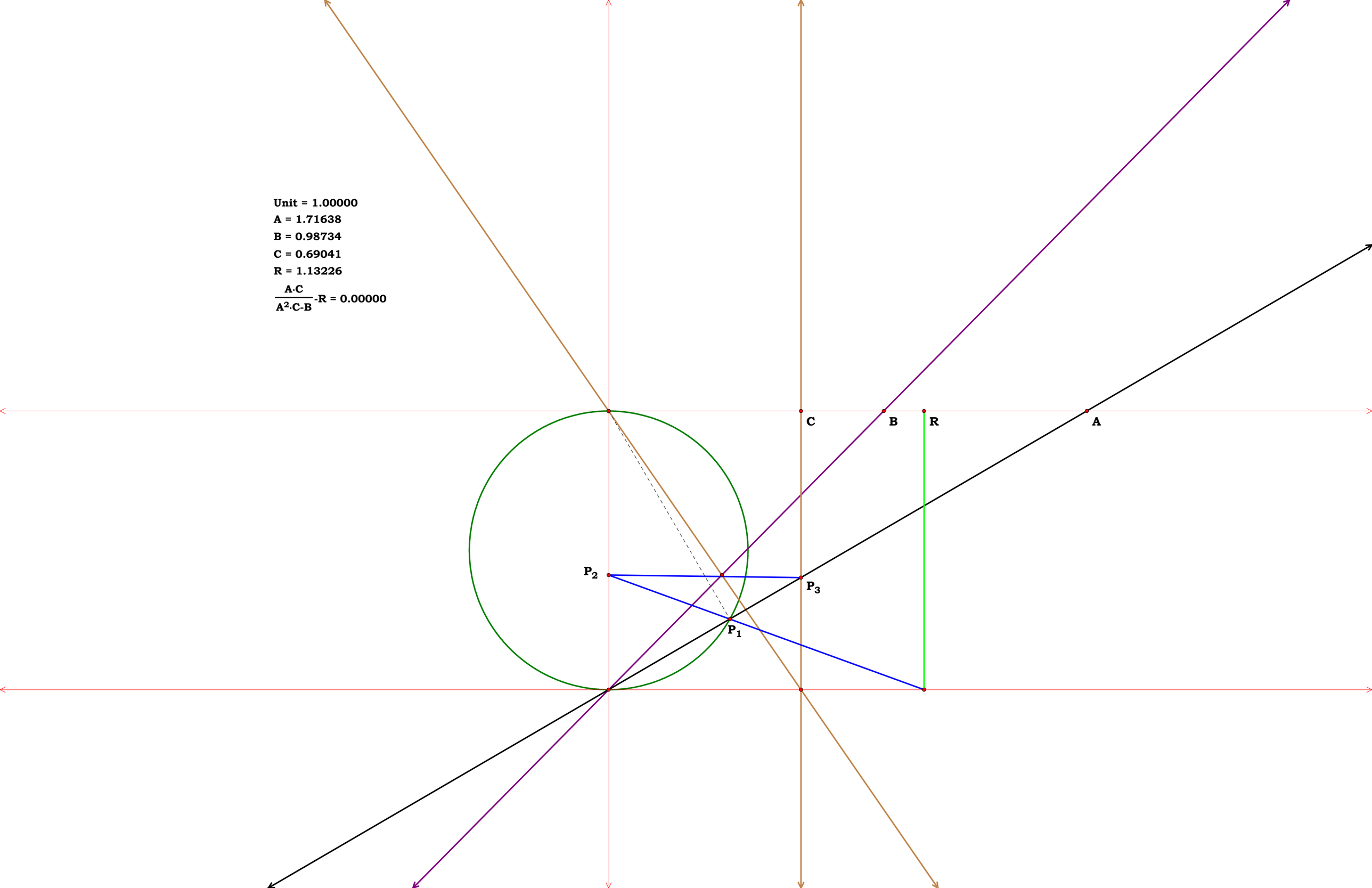
A

B

P_2

P_3

P_1


Unit = 1.00000
A = 1.71638
B = 0.98734
C = 0.69041
R = 1.13226
$\frac{A \cdot C}{A^2 \cdot C - B} - R = 0.00000$
C
B
R
A
P_2
P_3
P_1

Unit = 1.00000

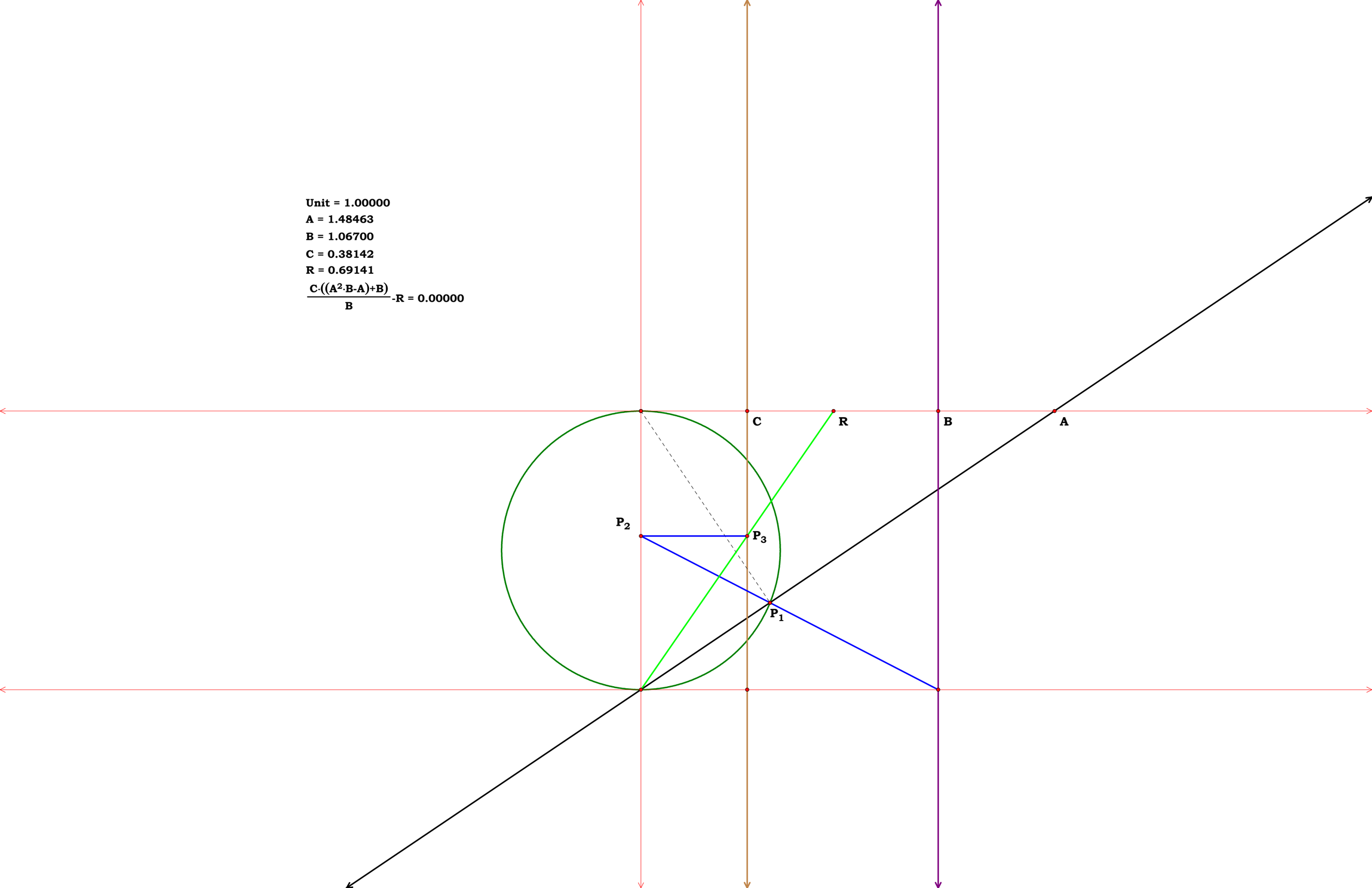
A = 1.48463

B = 1.06700

C = 0.38142

R = 0.69141

$\frac{C\cdot((A^2\cdot B-A)+B)}{B}$-R = 0.00000



Unit = 1.00000

A = 2.00124

B = 0.89078

C = 1.30358

R = 1.12616

$\frac{\sqrt{A^2 \cdot C \cdot (C-B)}}{\sqrt{C^2}} - R = 0.00000$

R

B

C

A

P_3

P_4

P_1

P_2

Unit = 1.00000

A = 1.75500

B = 1.07907

C = 1.43394

D = 0.72904

R = 0.55570

$\frac{A^2 \cdot D \cdot (C-B)}{C} - R = 0.00000$

Hide Line

R

D

B

C

A

P_3

P_4

P_1

P_2

Unit = 1.00000

A = 1.58361

B = 0.84974

C = 1.11287

D = 0.64213

R = 1.02289

$\frac{D\cdot(C-A^2\cdot(B-C))}{C}$-R = 0.00000

D

B

R

C

A

P_3

P_4

P_1

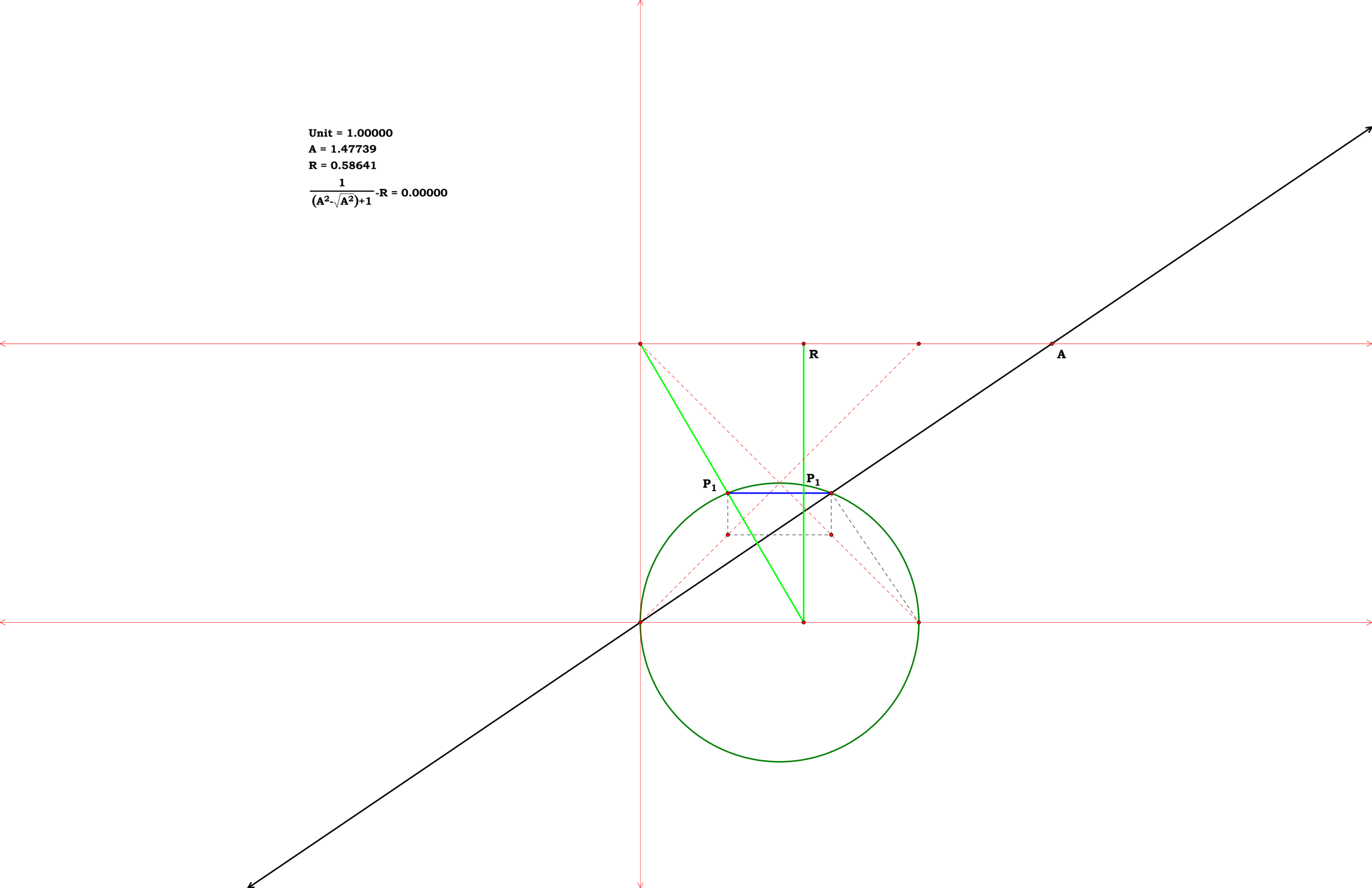
P_2

Unit = 1.00000

A = 1.47739

R = 0.58641

$$\frac{1}{(A^2-\sqrt{A^2})+1}-R = 0.00000$$

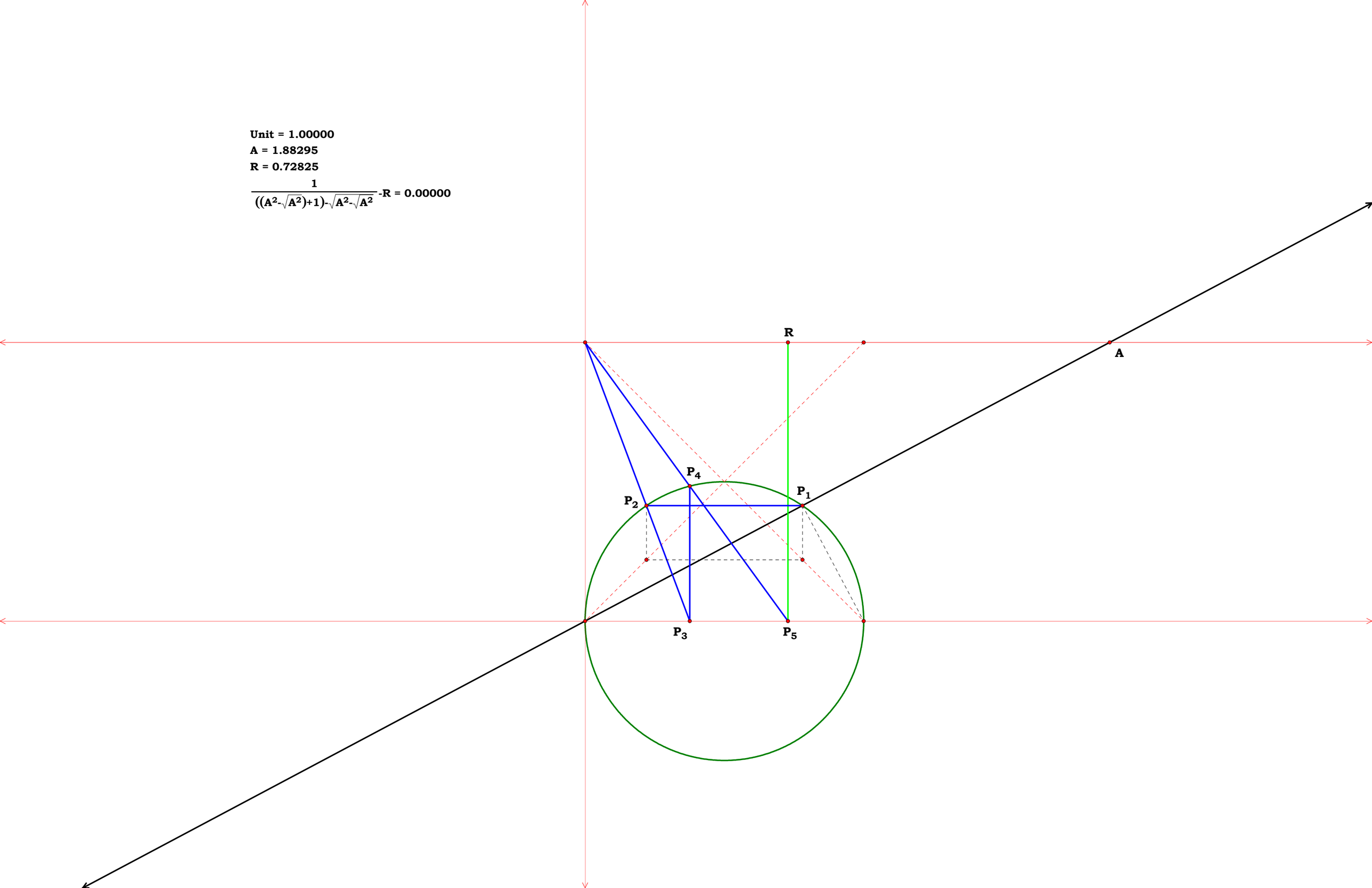


Unit = 1.00000

A = 1.88295

R = 0.72825

$$\frac{1}{((A^2-\sqrt{A^2})+1)-\sqrt{A^2-\sqrt{A^2}}}-R = 0.00000$$

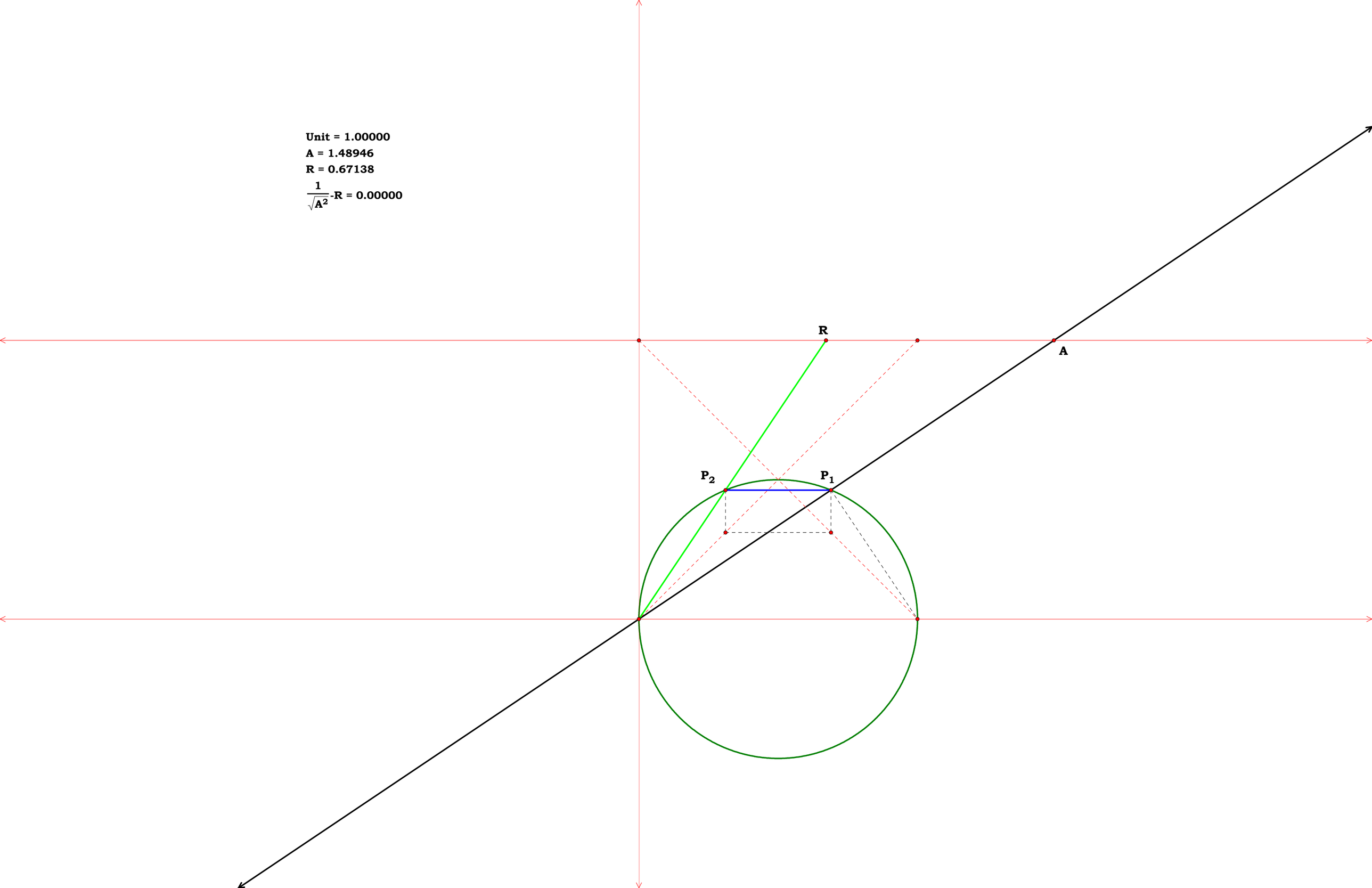


Unit = 1.00000

A = 1.48946

R = 0.67138

$$\frac{1}{\sqrt{A^2}} - R = 0.00000$$

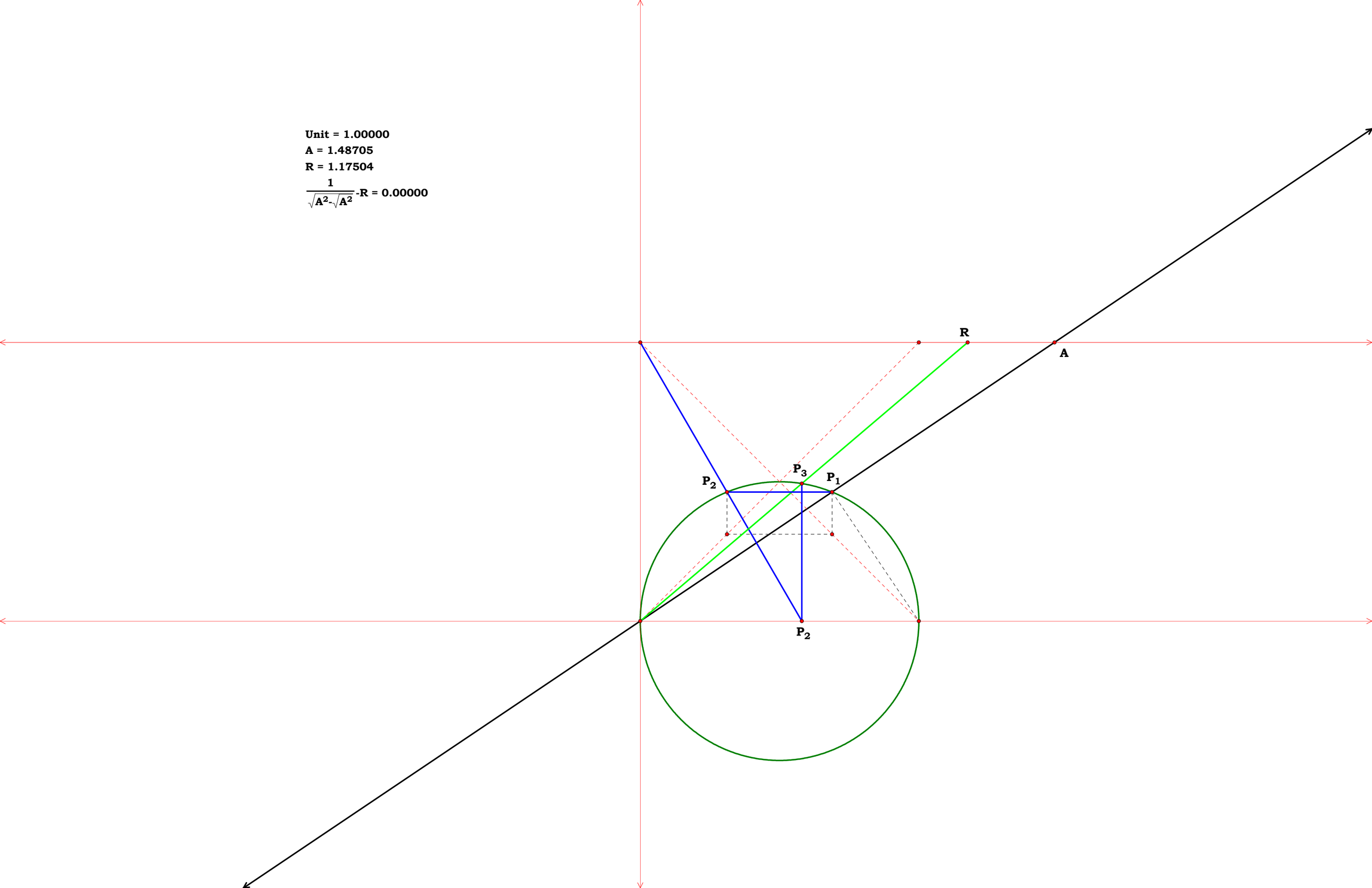


Unit = 1.00000

A = 1.48705

R = 1.17504

$$\frac{1}{\sqrt{A^2-\sqrt{A^2}}}-R = 0.00000$$

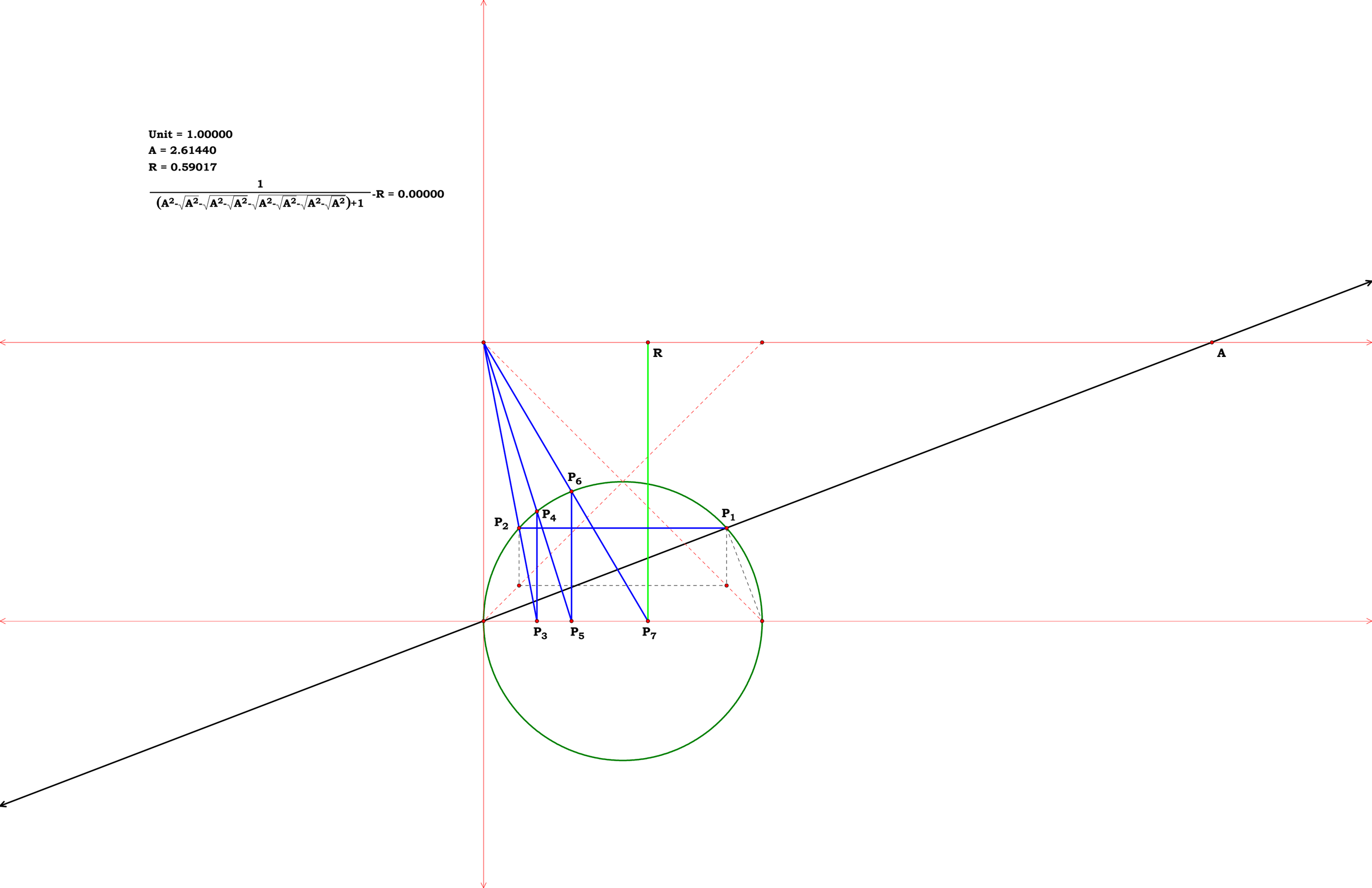


Unit = 1.00000

A = 2.61440

R = 0.59017

$$\frac{1}{\left(A^2-\sqrt{A^2-\sqrt{A^2-\sqrt{A^2-\sqrt{A^2-\sqrt{A^2}}}}}\right)+1}-R = 0.00000$$

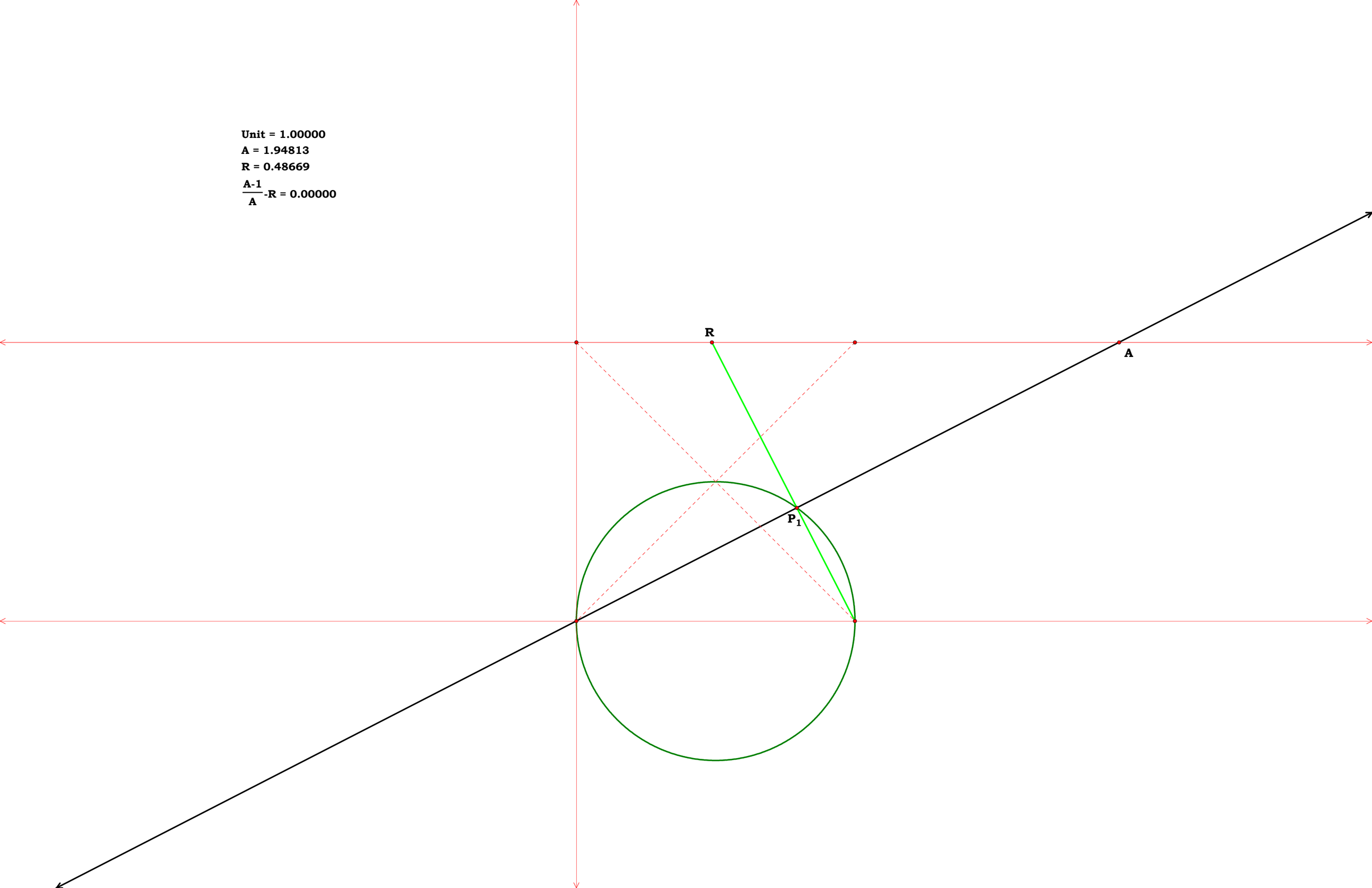


Unit = 1.00000

A = 1.94813

R = 0.48669

$\frac{A-1}{A}$-R = 0.00000

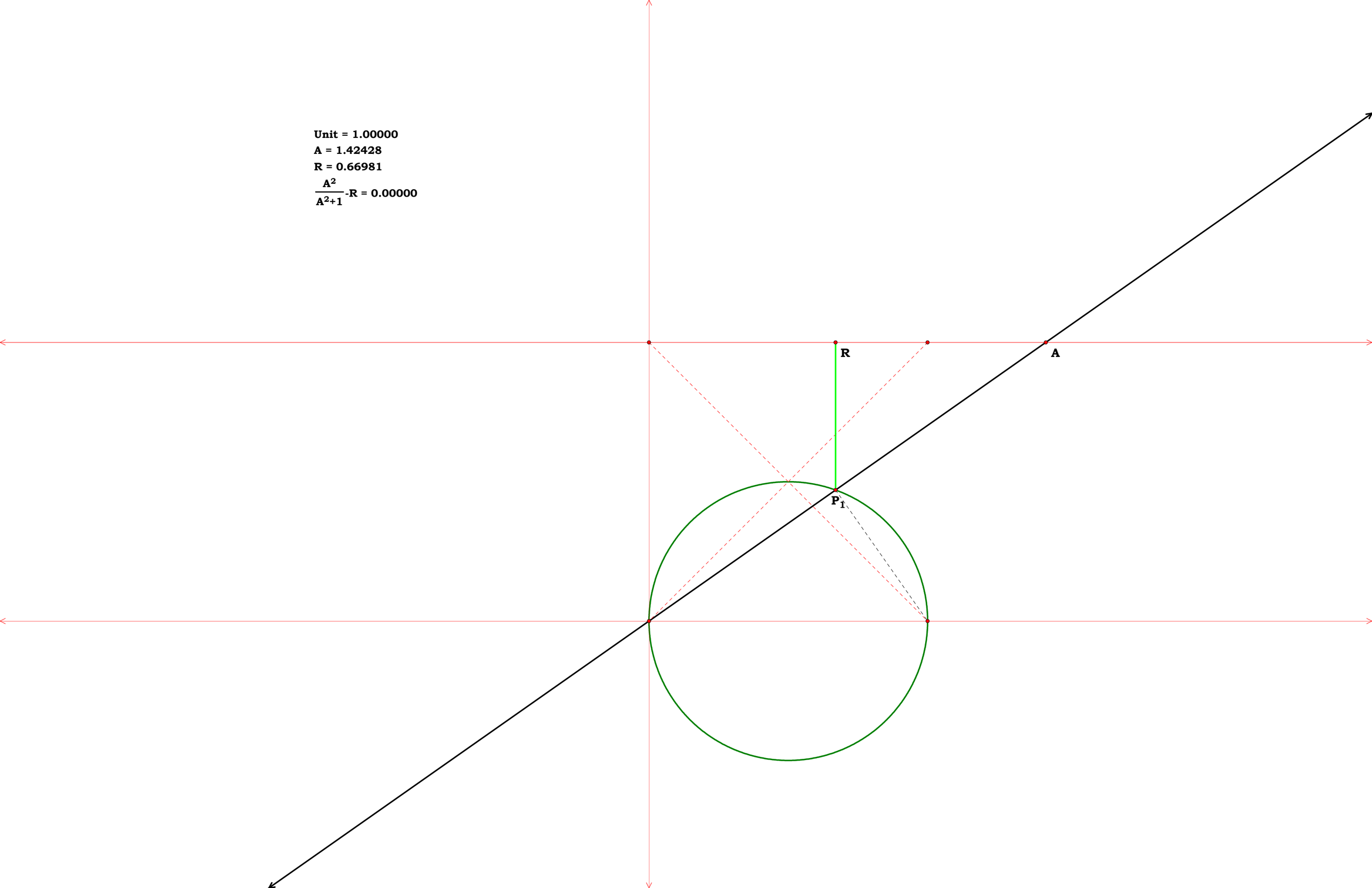


Unit = 1.00000

A = 1.42428

R = 0.66981

$$\frac{A^2}{A^2+1} - R = 0.00000$$



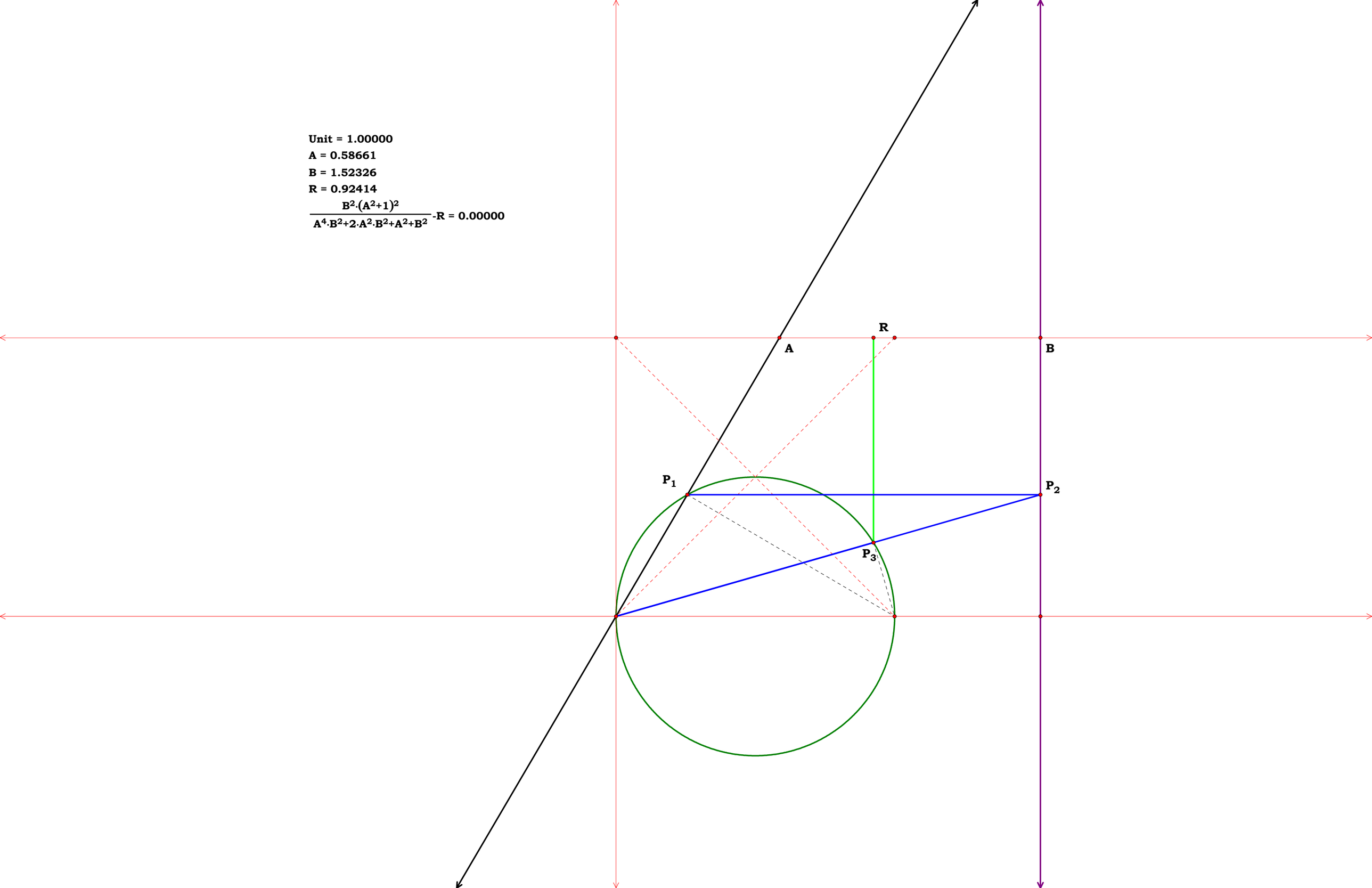
Unit = 1.00000

A = 0.58661

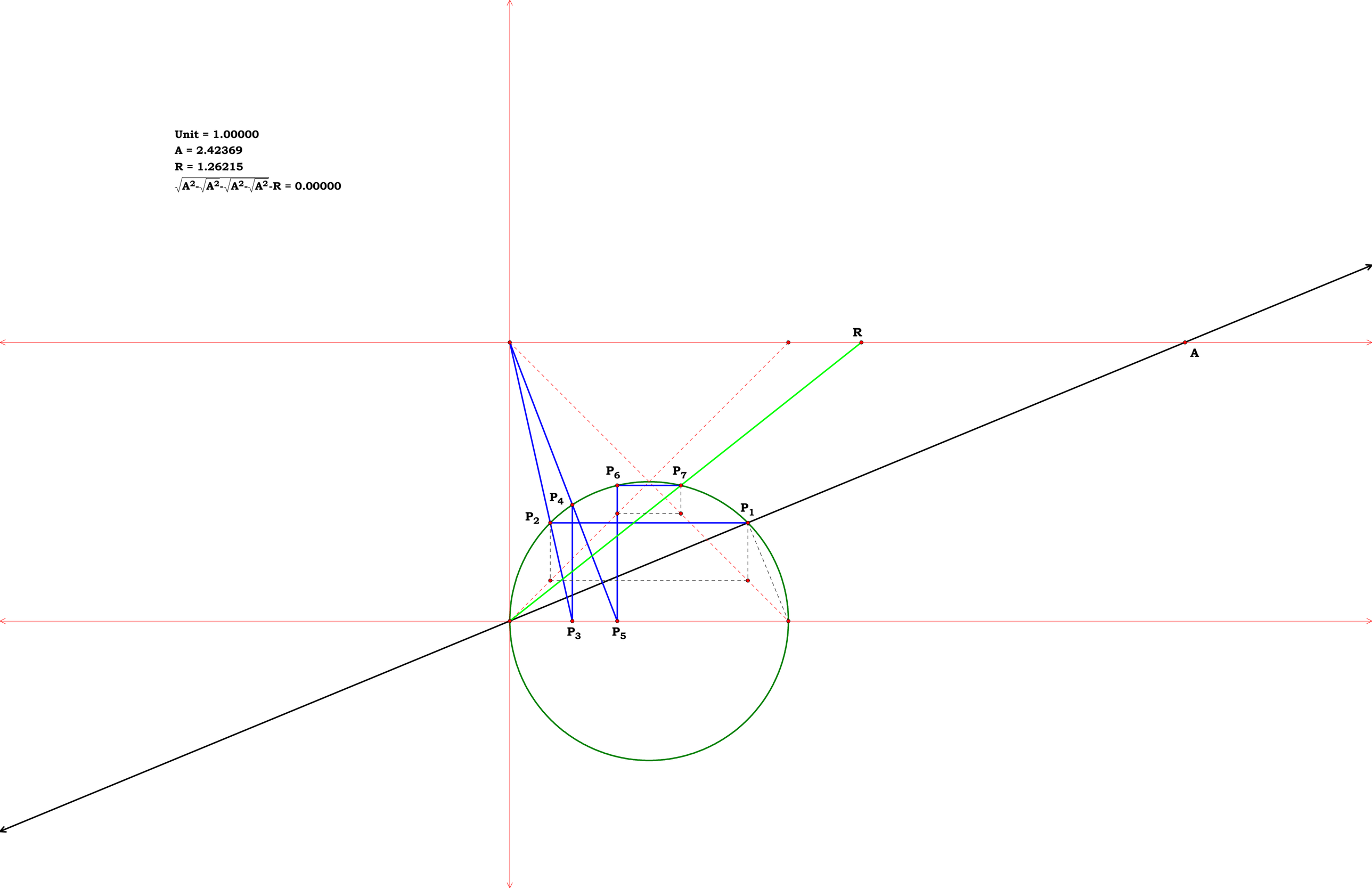
B = 1.52326

R = 0.92414

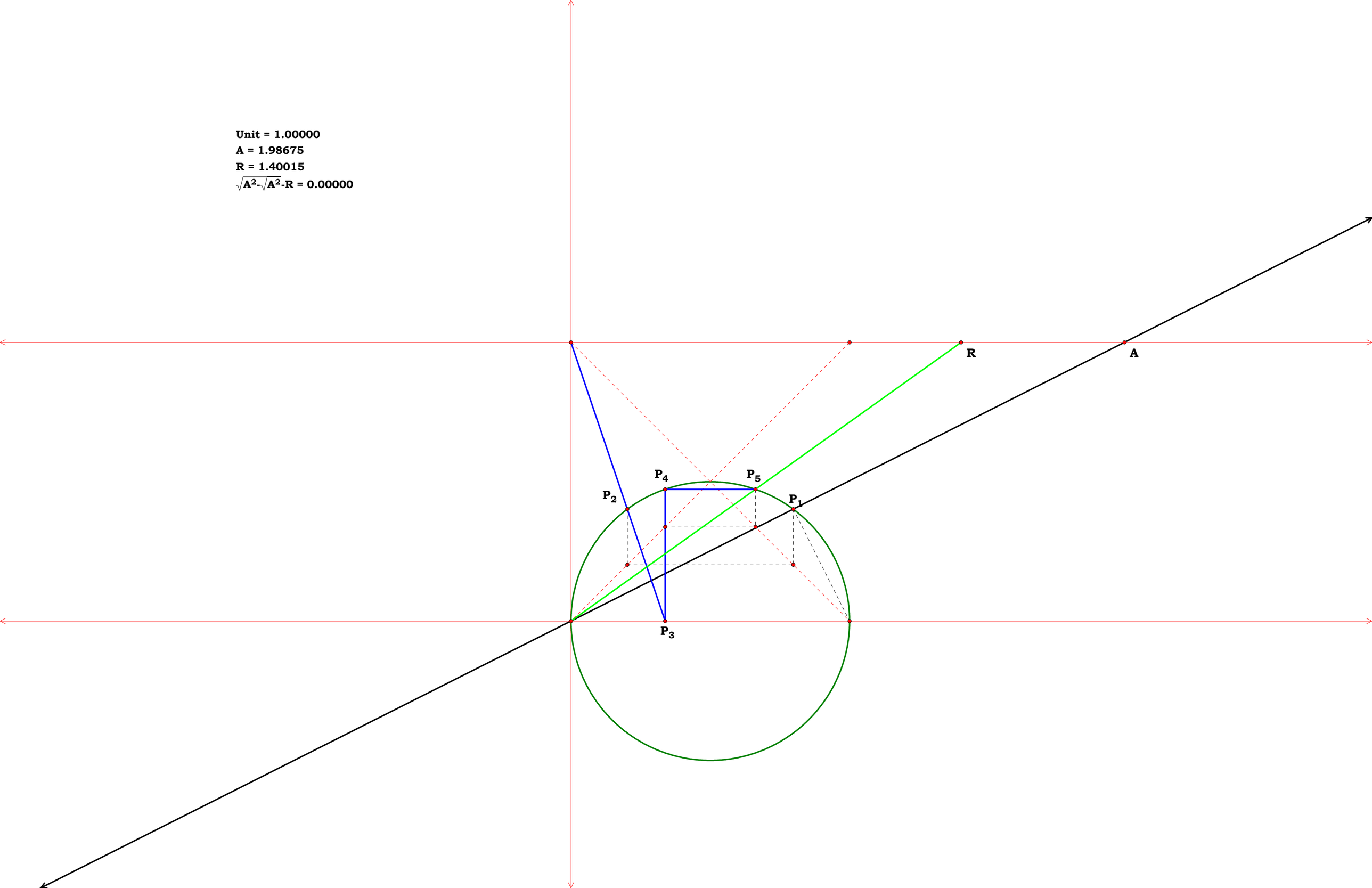
$$\frac{B^2\cdot(A^2+1)^2}{A^4\cdot B^2+2\cdot A^2\cdot B^2+A^2+B^2}-R = 0.00000$$



Unit = 1.00000
A = 2.42369
R = 1.26215
$\sqrt{A^2-\sqrt{A^2}-\sqrt{A^2-\sqrt{A^2}}}-R = 0.00000$



Unit = 1.00000
A = 1.98675
R = 1.40015
$\sqrt{A^2-\sqrt{A^2}-R} = 0.00000$



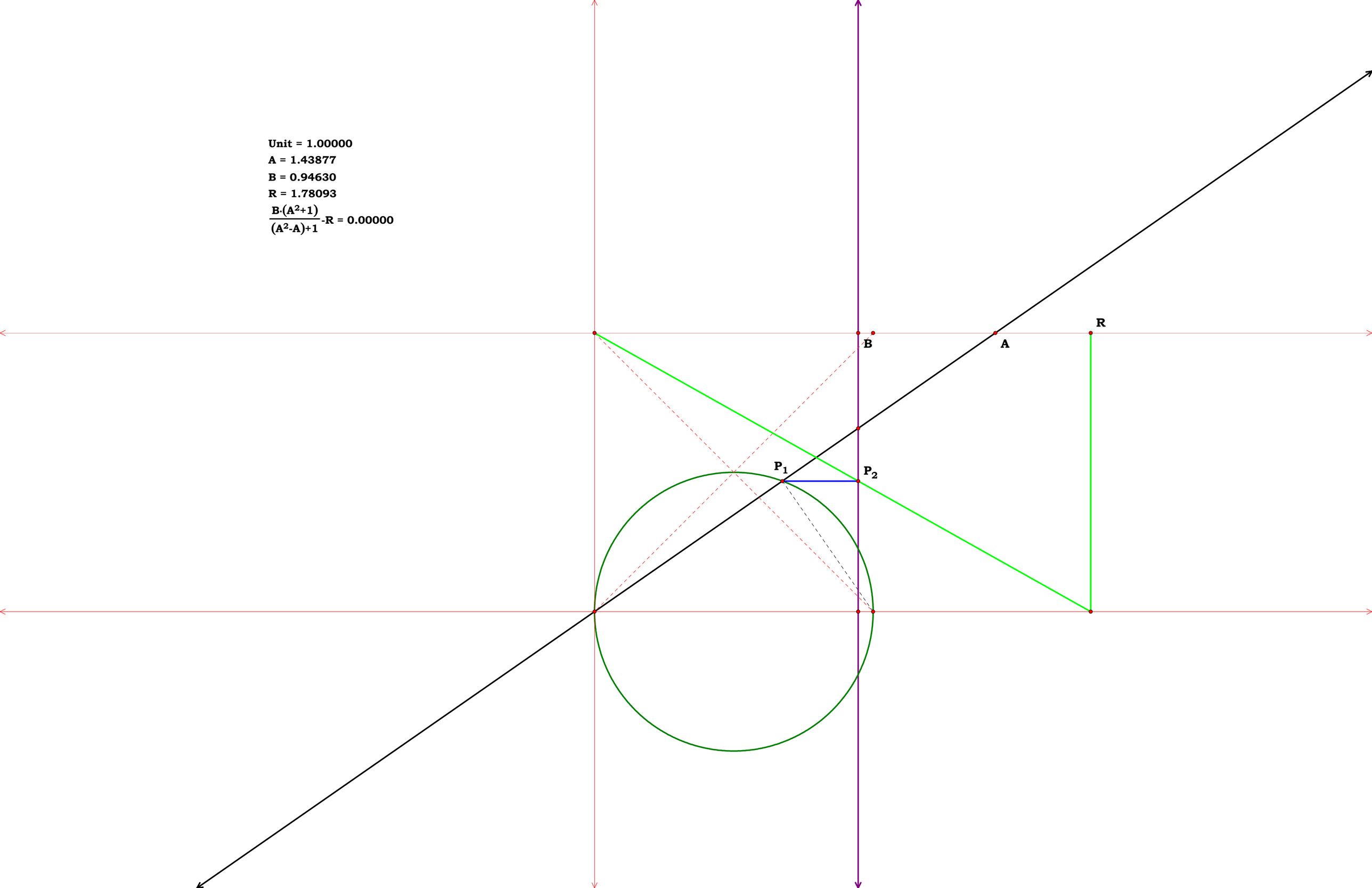
Unit = 1.00000

A = 1.43877

B = 0.94630

R = 1.78093

$\frac{B\cdot(A^2+1)}{(A^2-A)+1}$-R = 0.00000



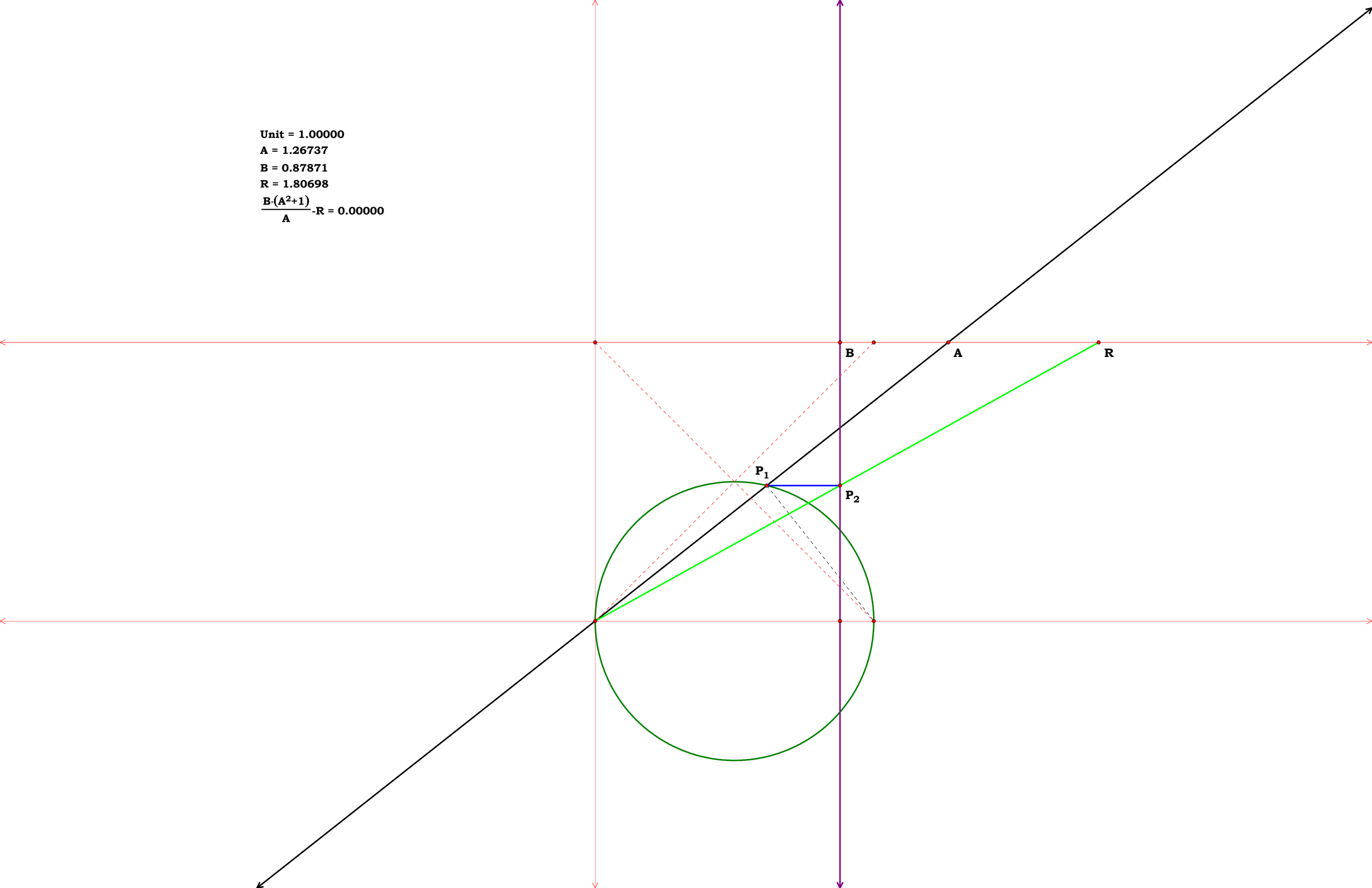
Unit = 1.00000

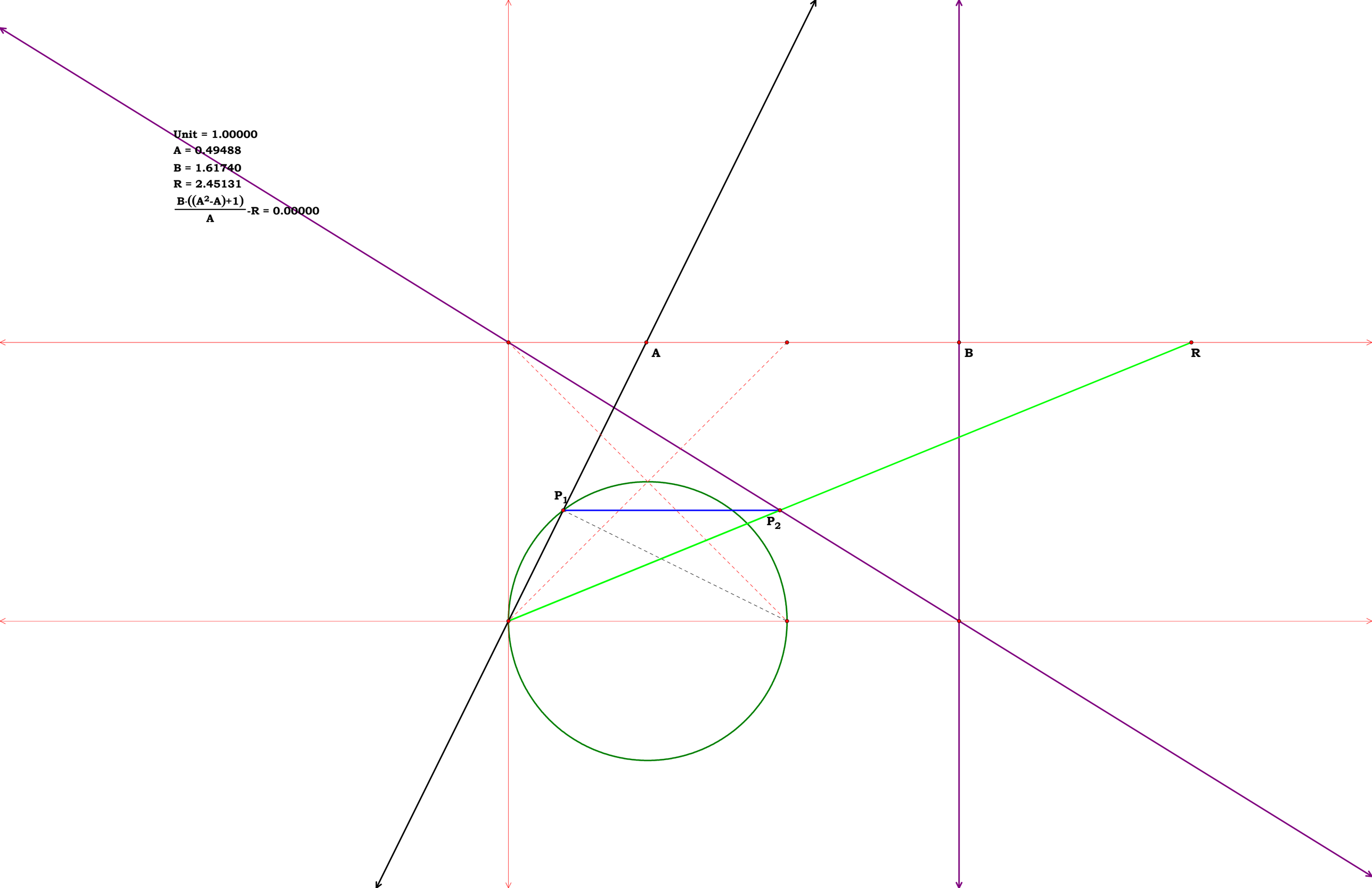
A = 1.26737

B = 0.87871

R = 1.80698

$\frac{B\cdot(A^2+1)}{A}$-R = 0.00000



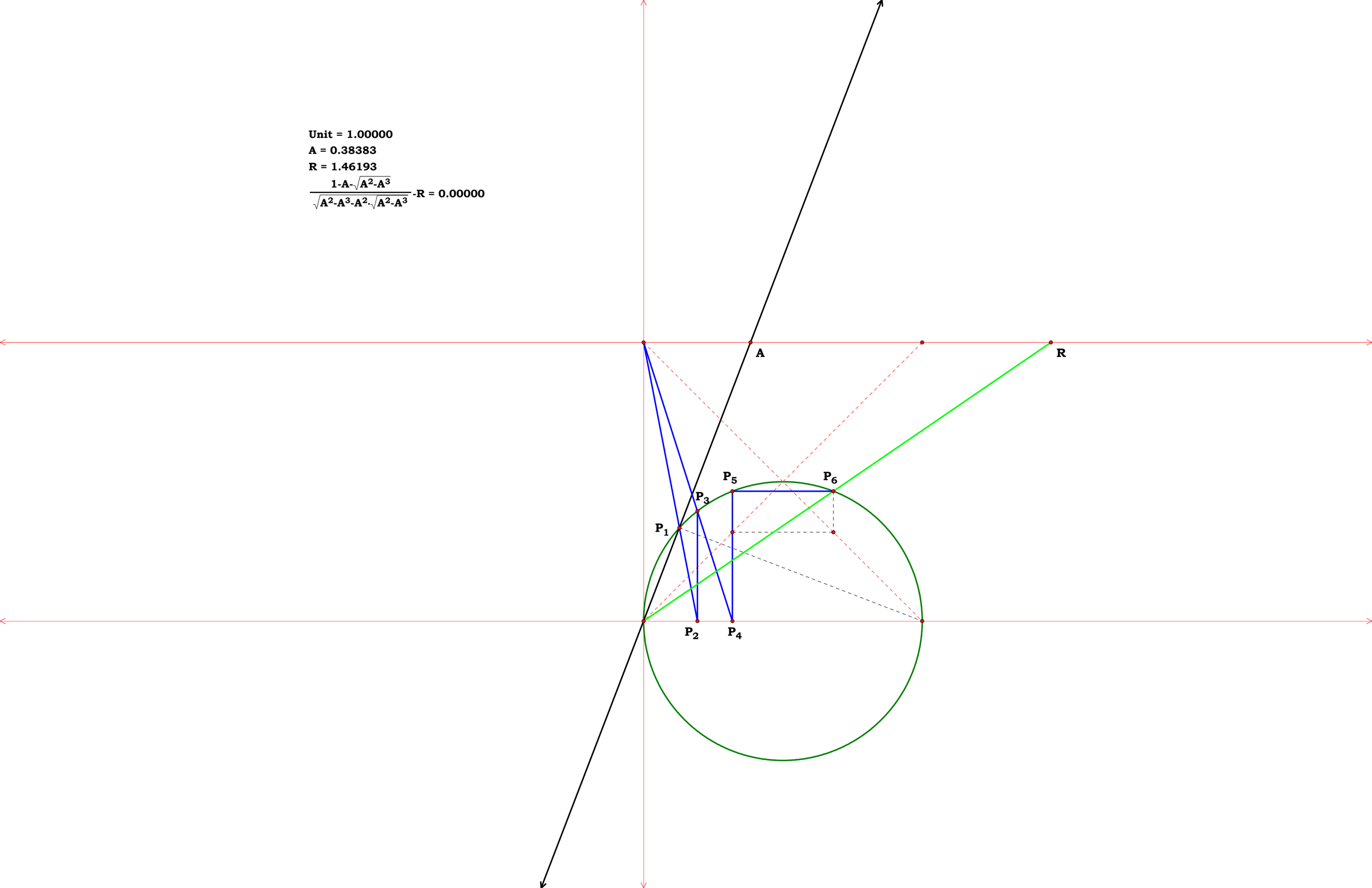

Unit = 1.00000
A = 0.49488
B = 1.61740
R = 2.45131
$\frac{B\cdot((A^2-A)+1)}{A}$-R = 0.00000
A
B
R
P_1
P_2

Unit = 1.00000

A = 0.38383

R = 1.46193

$$\frac{1-A-\sqrt{A^2-A^3}}{\sqrt{A^2-A^3-A^2\cdot\sqrt{A^2-A^3}}}-R = 0.00000$$

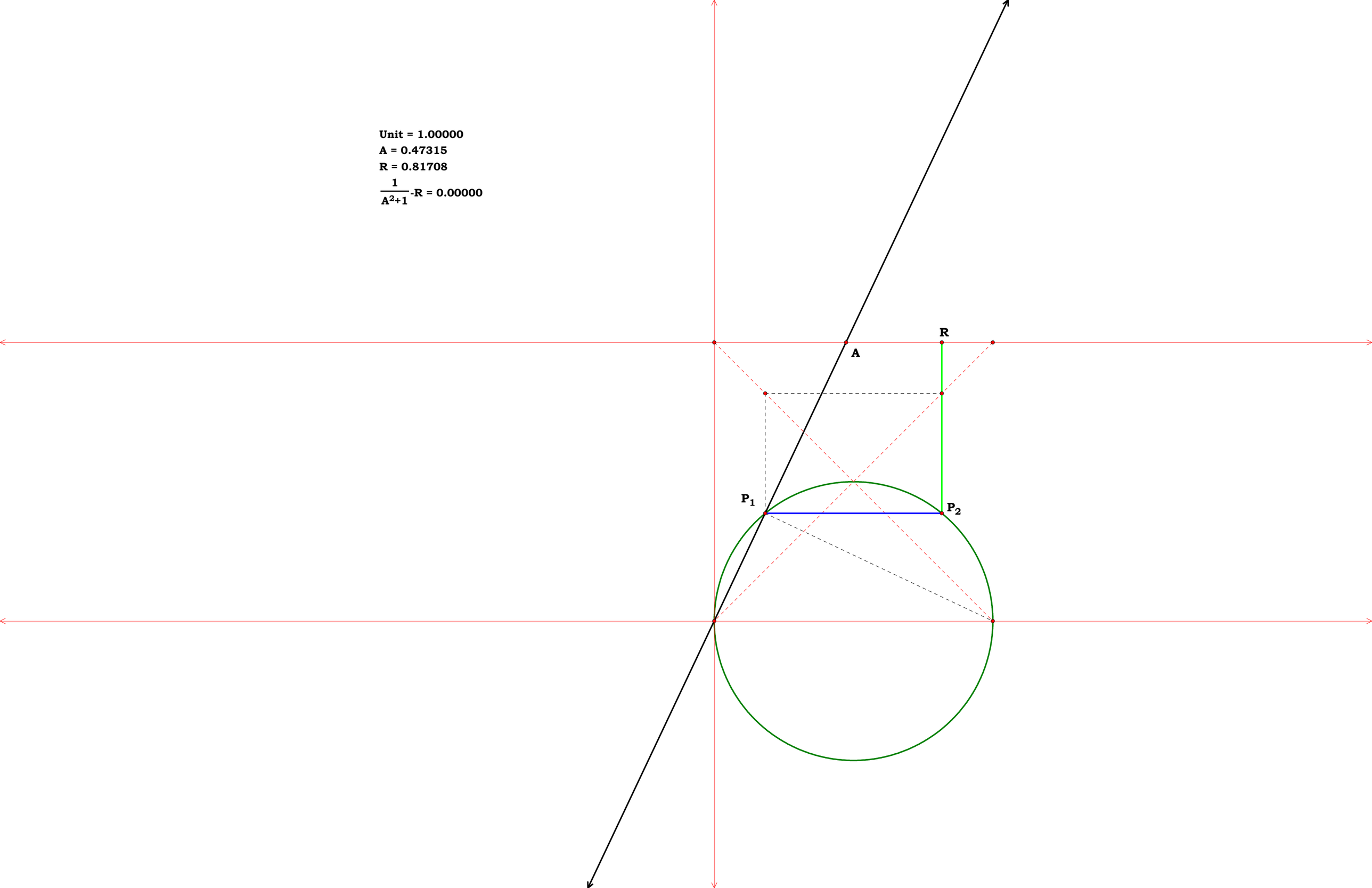


Unit = 1.00000

A = 0.47315

R = 0.81708

$$\frac{1}{A^2+1}-R = 0.00000$$

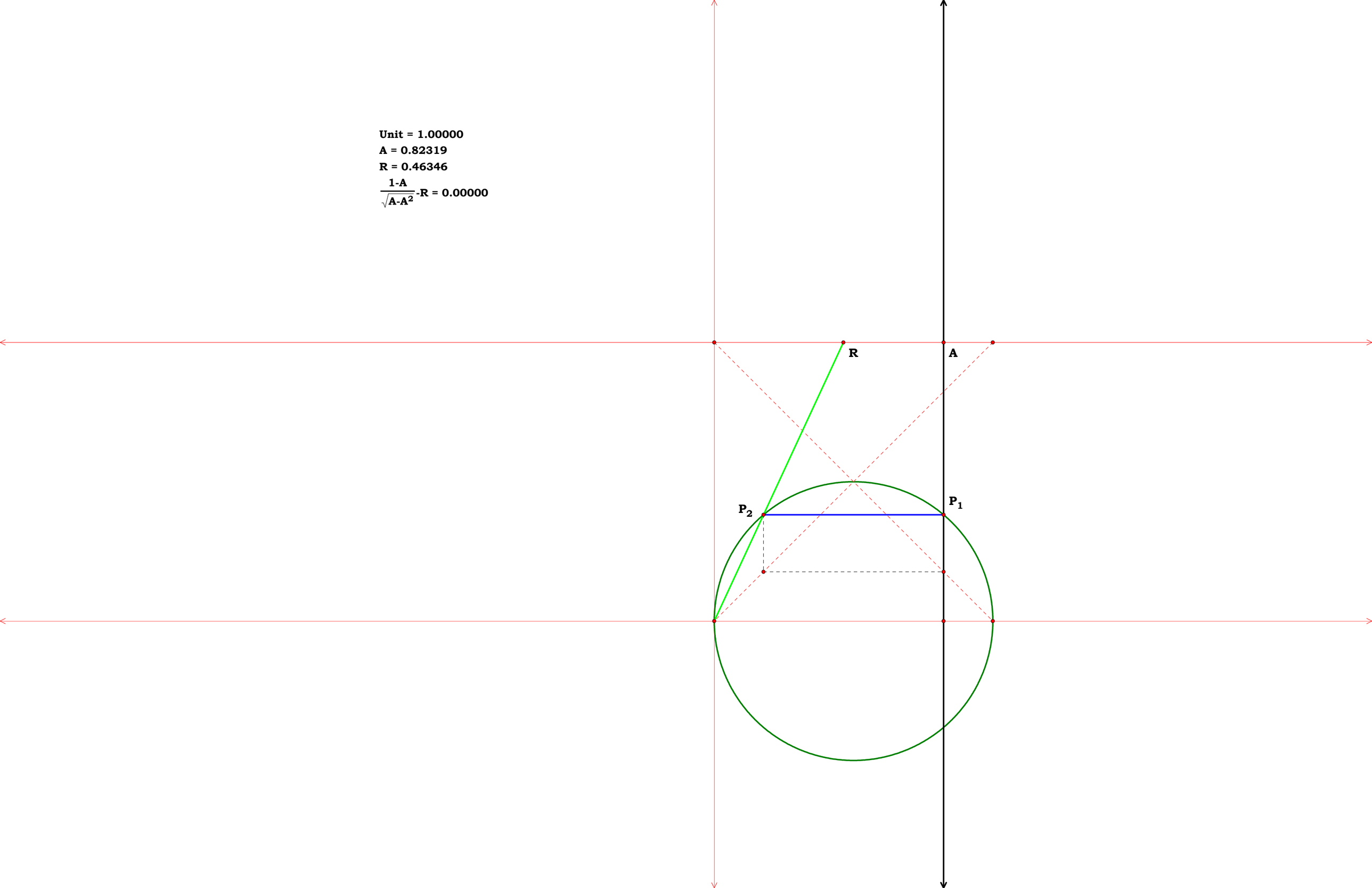


Unit = 1.00000

A = 0.82319

R = 0.46346

$$\frac{1-A}{\sqrt{A-A^2}}-R = 0.00000$$



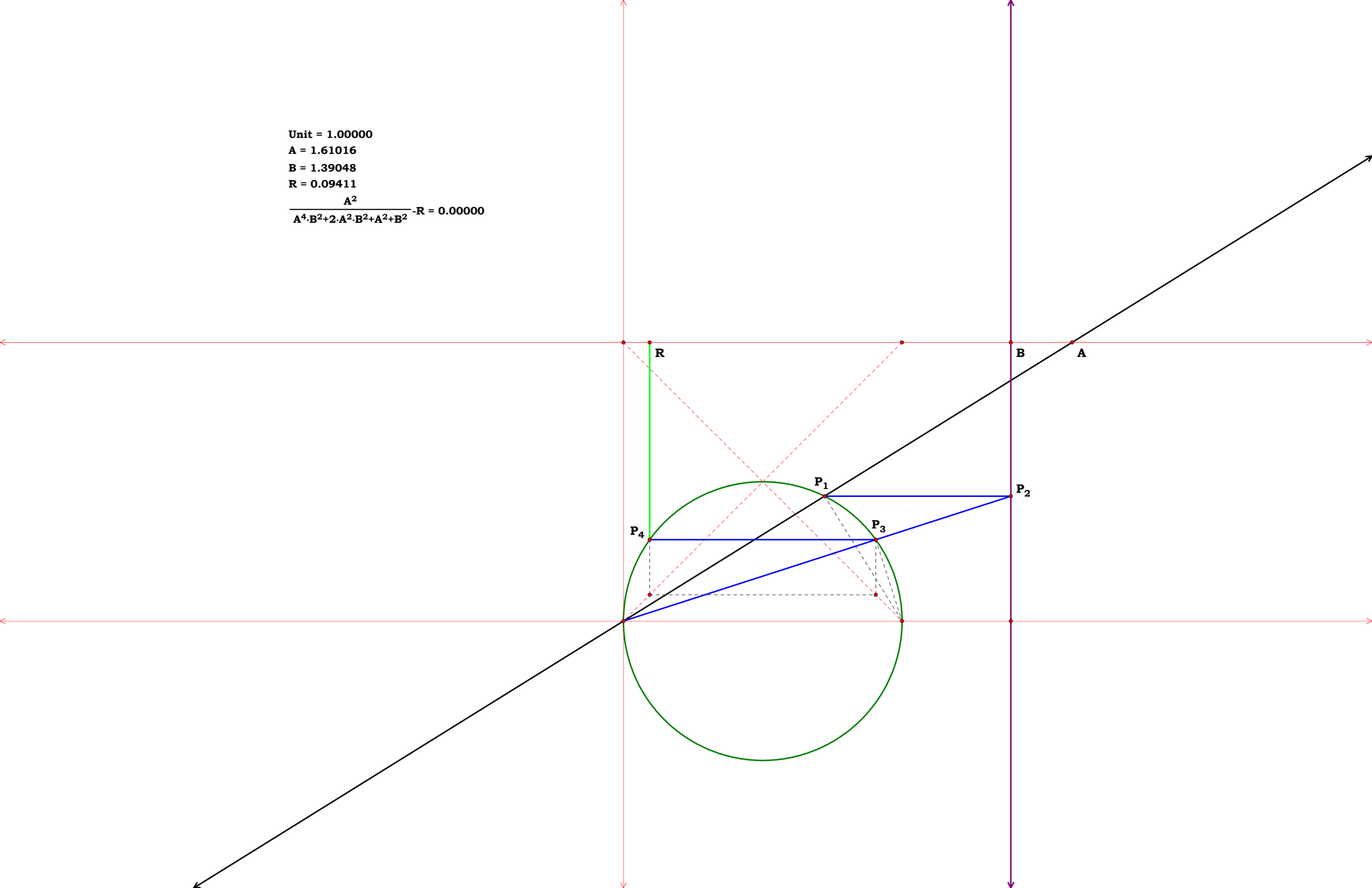
Unit = 1.00000

A = 1.61016

B = 1.39048

R = 0.09411

$$\frac{A^2}{A^4 \cdot B^2 + 2 \cdot A^2 \cdot B^2 + A^2 + B^2} - R = 0.00000$$



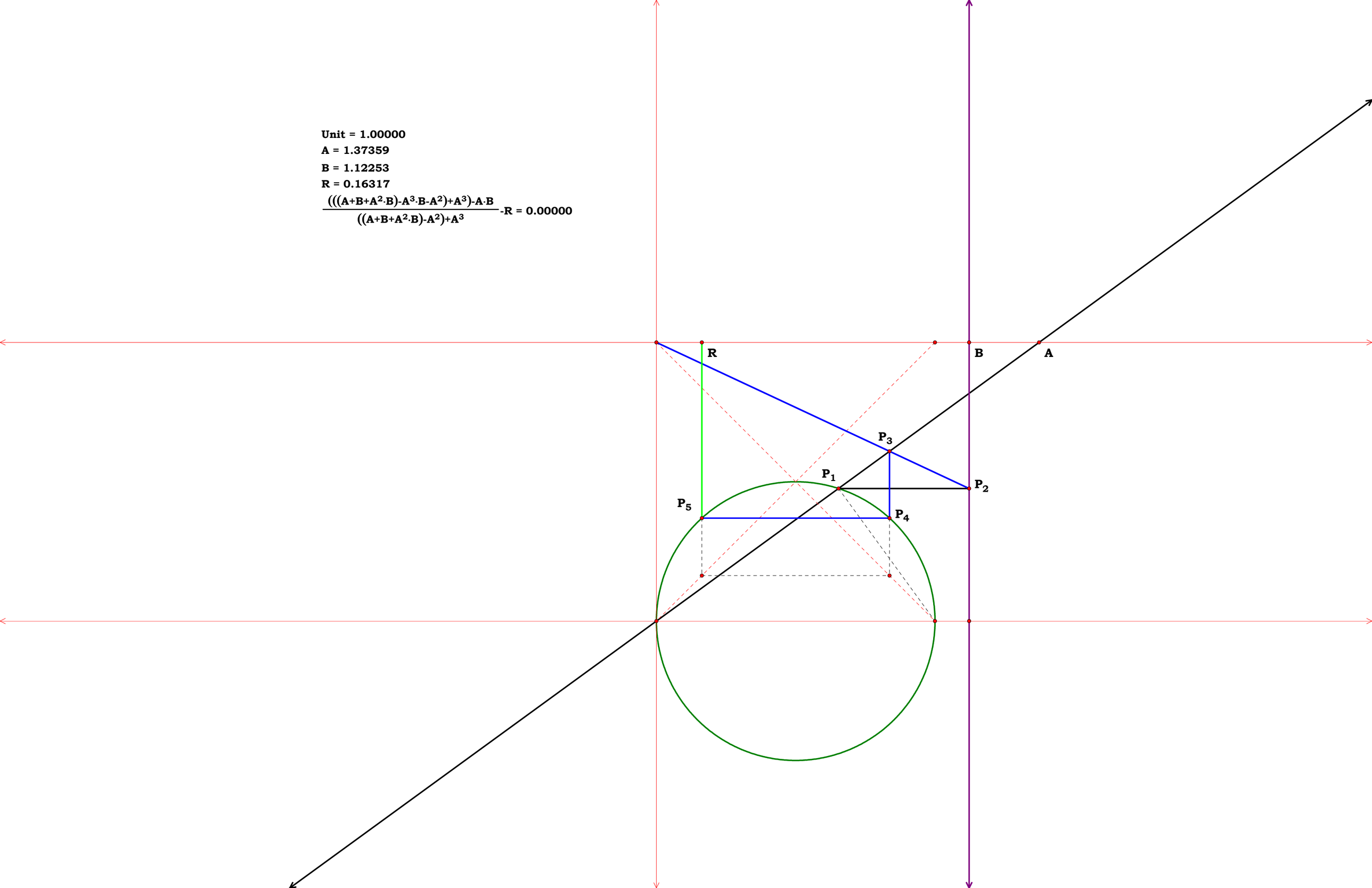
Unit = 1.00000

A = 1.37359

B = 1.12253

R = 0.16317

$$\frac{(((A+B+A^2\cdot B)-A^3\cdot B-A^2)+A^3)-A\cdot B}{((A+B+A^2\cdot B)-A^2)+A^3}-R = 0.00000$$



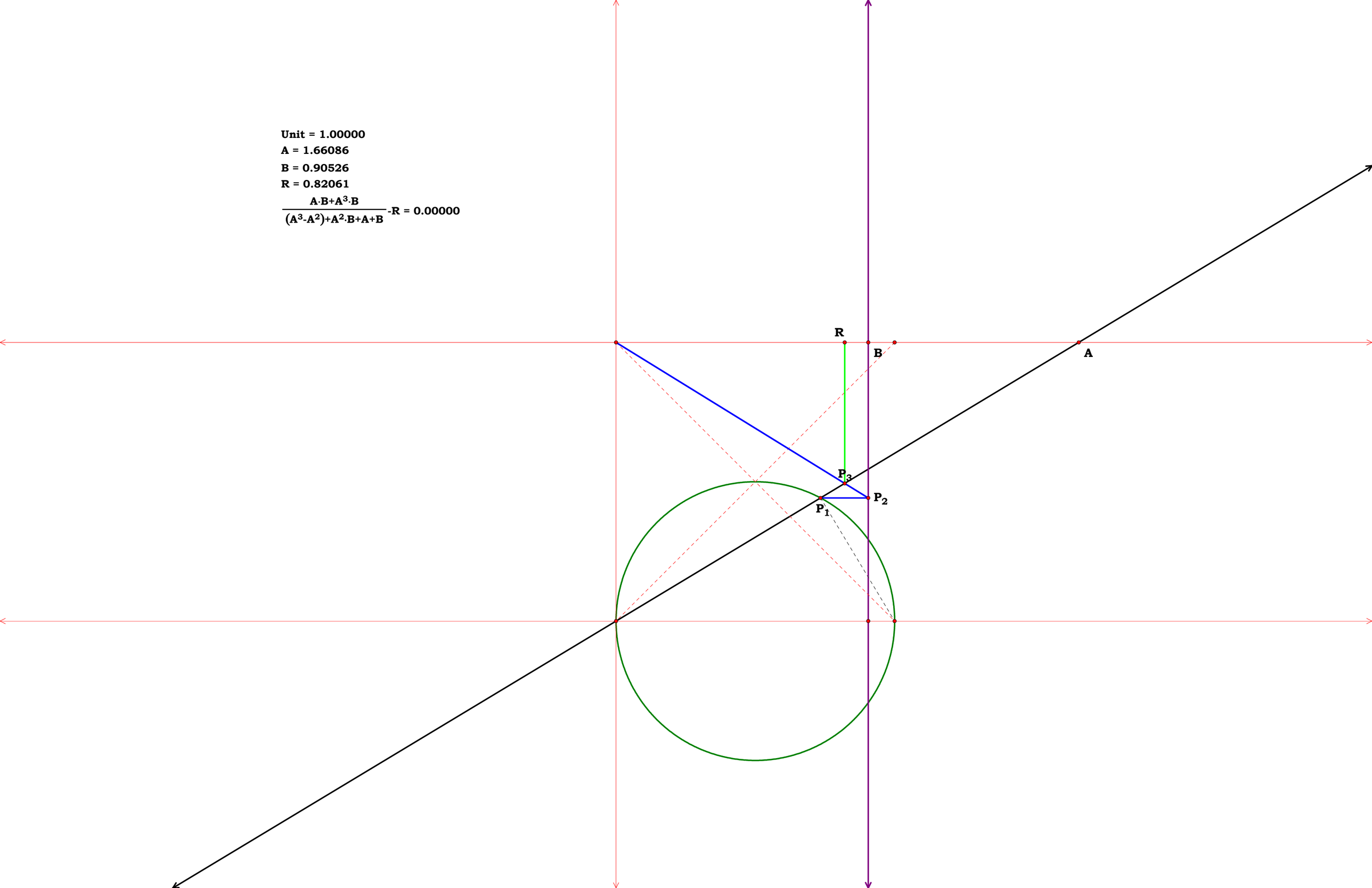
Unit = 1.00000

A = 1.66086

B = 0.90526

R = 0.82061

$$\frac{A\cdot B+A^3\cdot B}{(A^3-A^2)+A^2\cdot B+A+B}-R = 0.00000$$



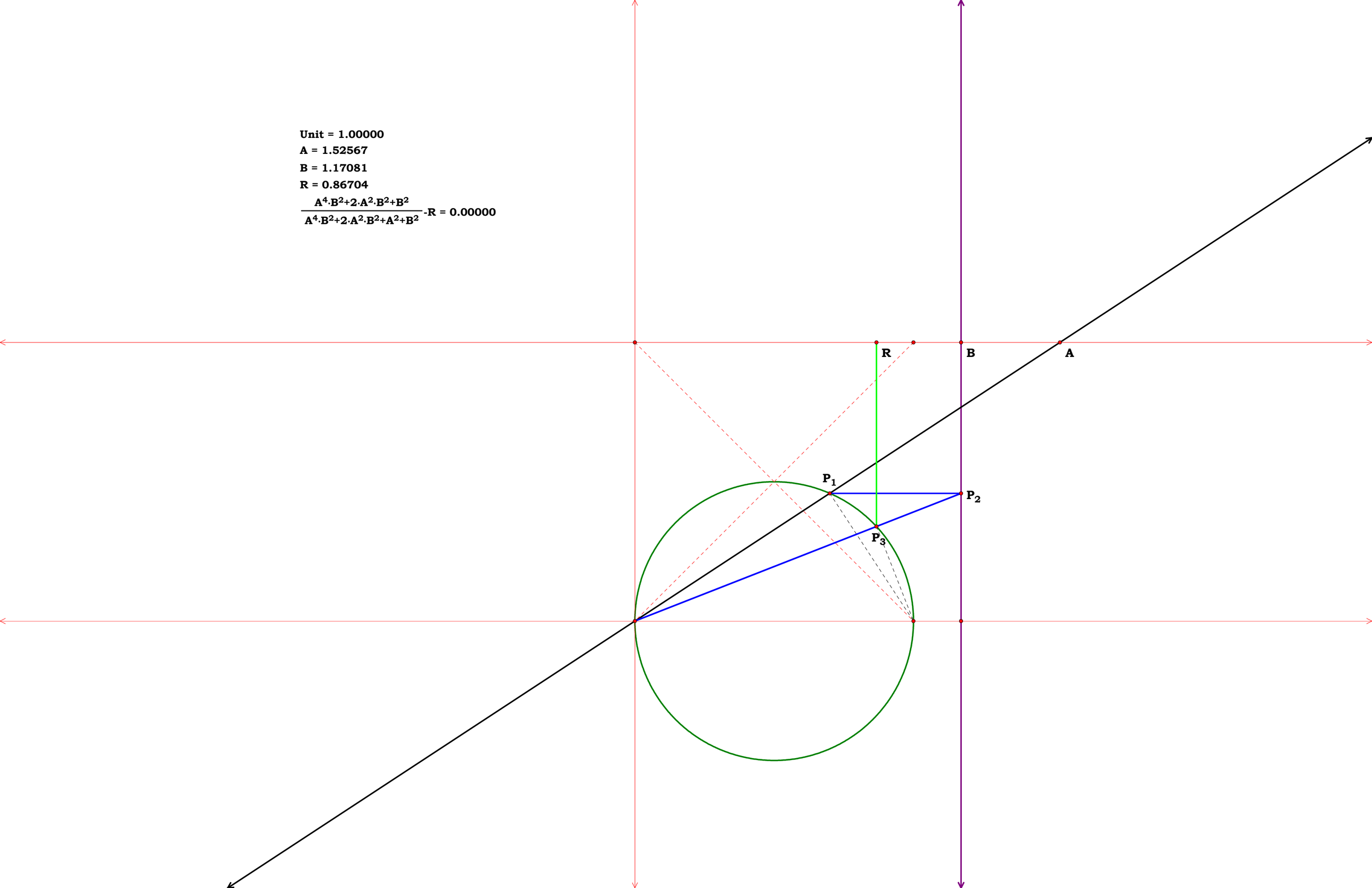
Unit = 1.00000

A = 1.52567

B = 1.17081

R = 0.86704

$$\frac{A^4 \cdot B^2 + 2 \cdot A^2 \cdot B^2 + B^2}{A^4 \cdot B^2 + 2 \cdot A^2 \cdot B^2 + A^2 + B^2} - R = 0.00000$$



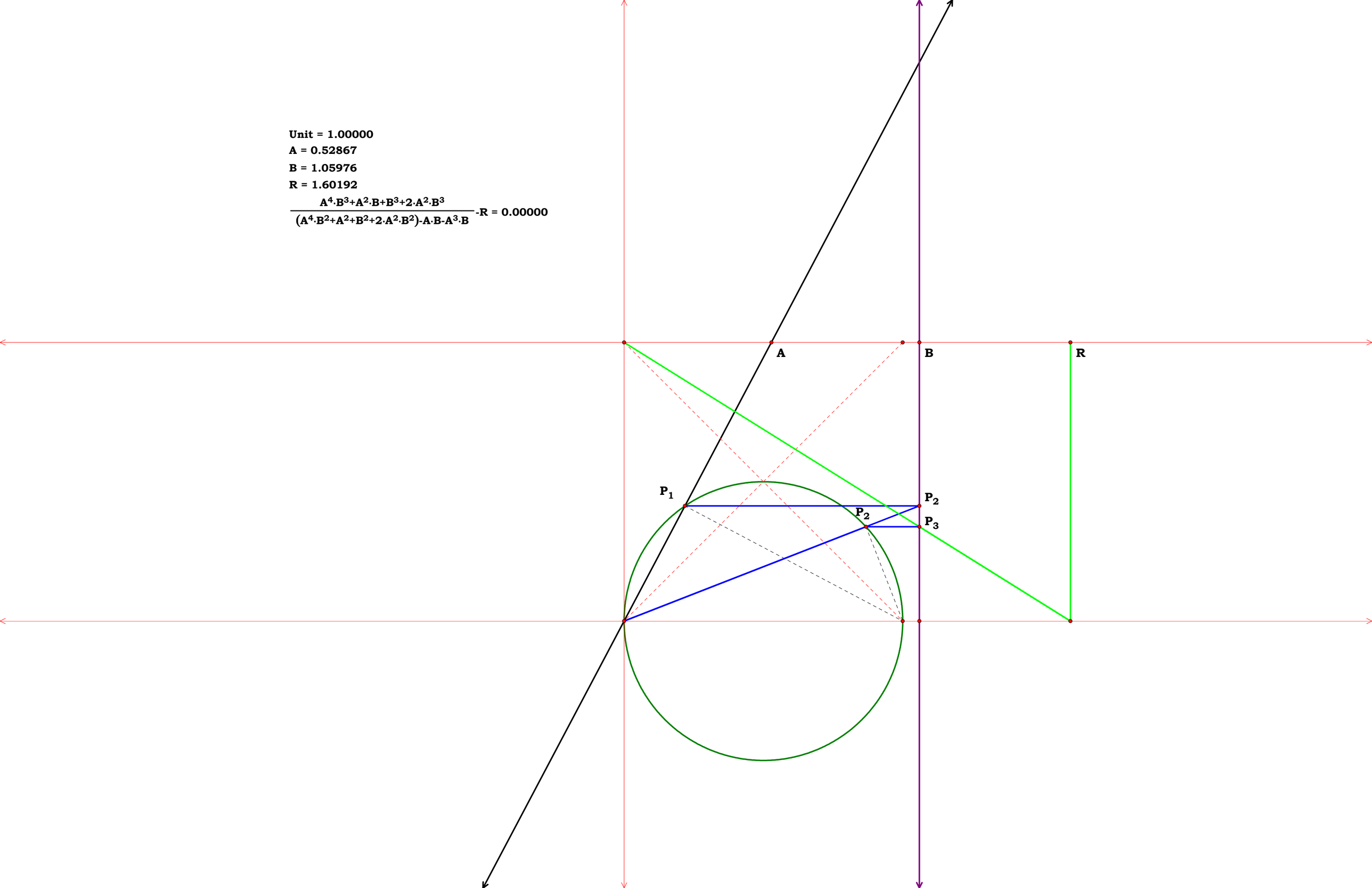
Unit = 1.00000

A = 0.52867

B = 1.05976

R = 1.60192

$$\frac{A^4 \cdot B^3 + A^2 \cdot B + B^3 + 2 \cdot A^2 \cdot B^3}{(A^4 \cdot B^2 + A^2 + B^2 + 2 \cdot A^2 \cdot B^2) - A \cdot B - A^3 \cdot B} - R = 0.00000$$



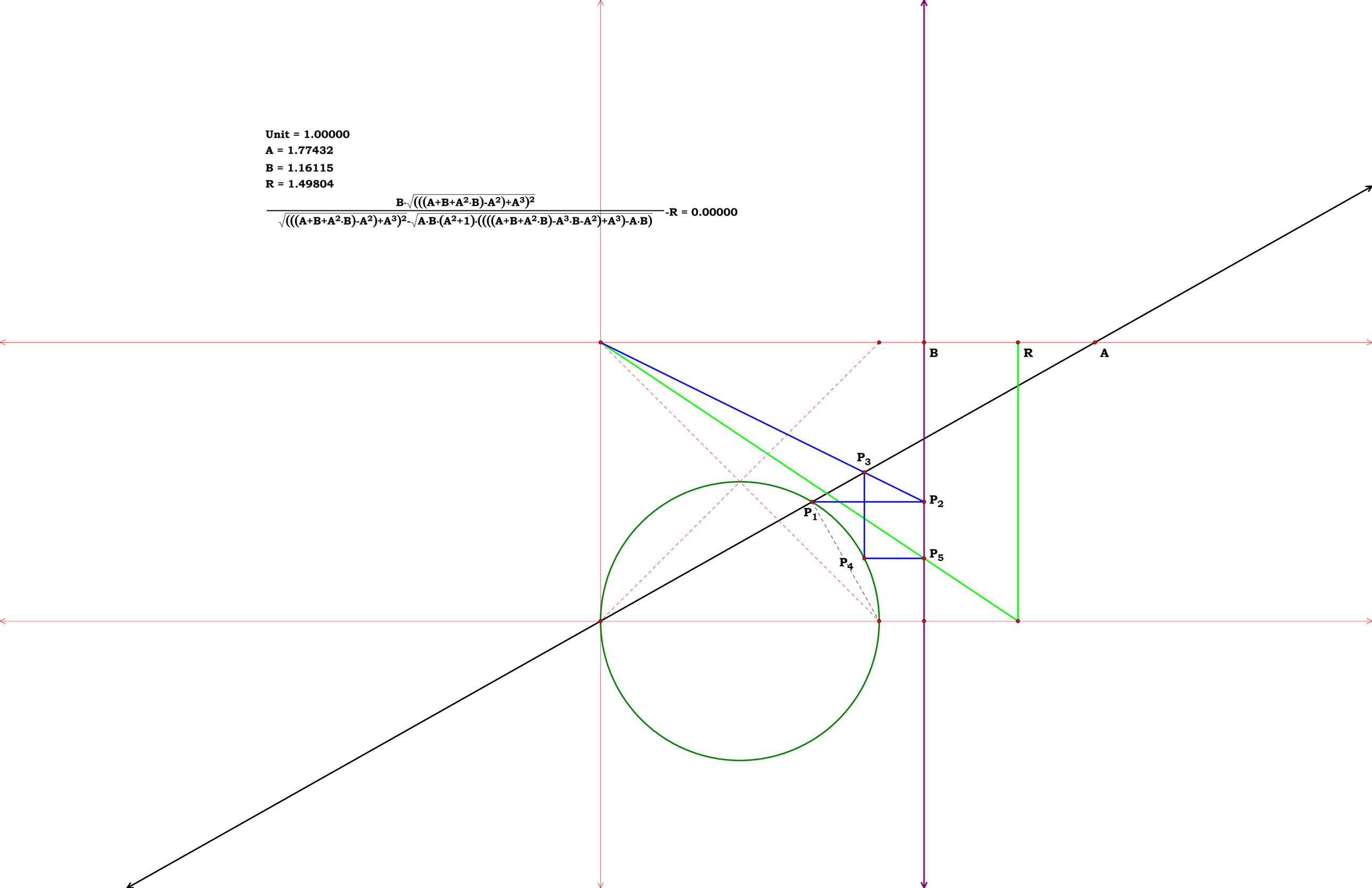
Unit = 1.00000

A = 1.77432

B = 1.16115

R = 1.49804

$$\frac{B\cdot\sqrt{(((A+B+A^2\cdot B)-A^2)+A^3)^2}}{\sqrt{(((A+B+A^2\cdot B)-A^2)+A^3)^2}-\sqrt{A\cdot B\cdot(A^2+1)\cdot((((A+B+A^2\cdot B)-A^3\cdot B-A^2)+A^3)-A\cdot B)}}-R = 0.00000$$



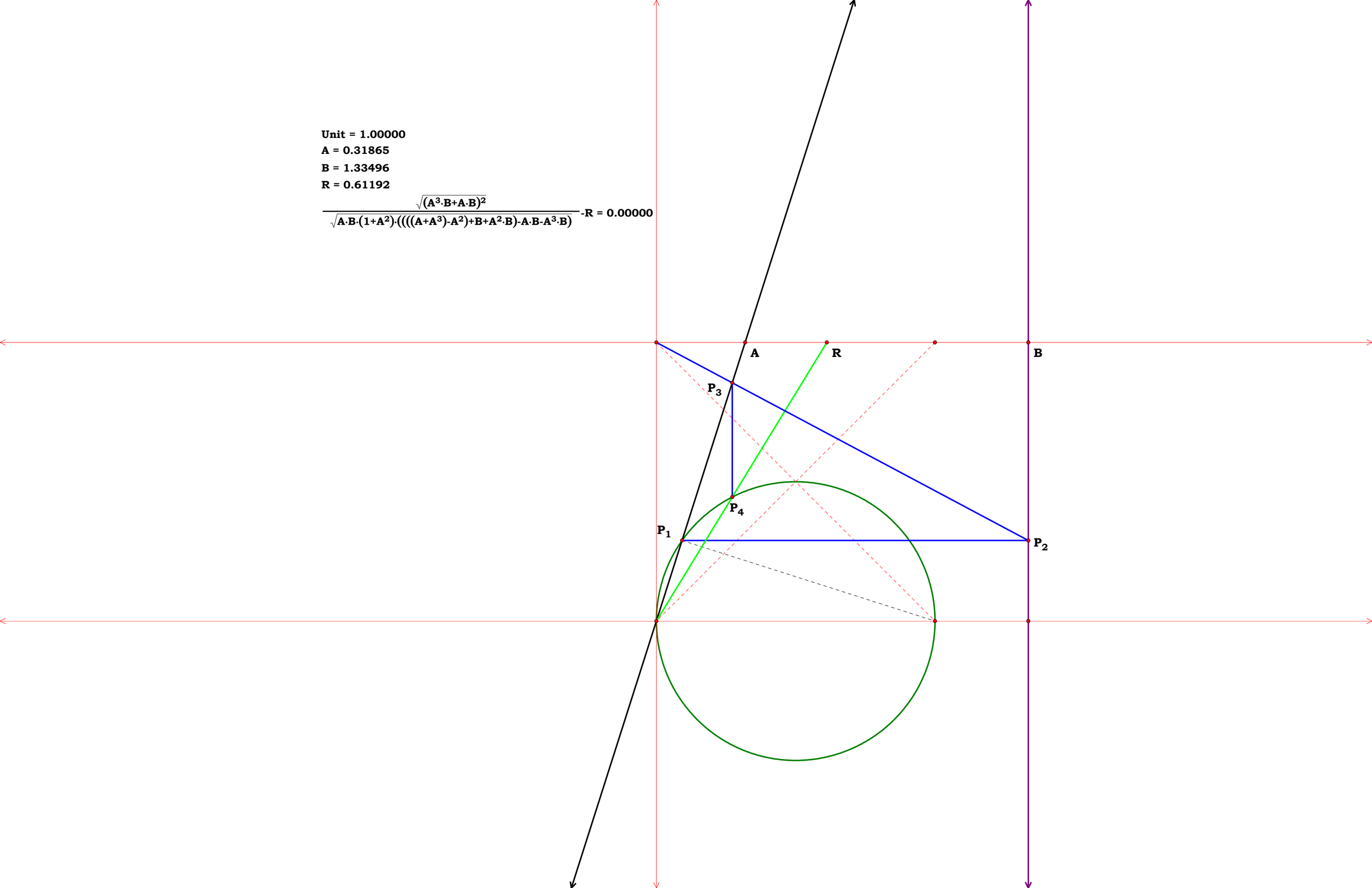
Unit = 1.00000

A = 0.31865

B = 1.33496

R = 0.61192

$$\frac{\sqrt{(A^3 \cdot B + A \cdot B)^2}}{\sqrt{A \cdot B \cdot (1+A^2) \cdot ((((A+A^3)-A^2)+B+A^2 \cdot B)-A \cdot B-A^3 \cdot B)}} - R = 0.00000$$



Unit = 1.00000

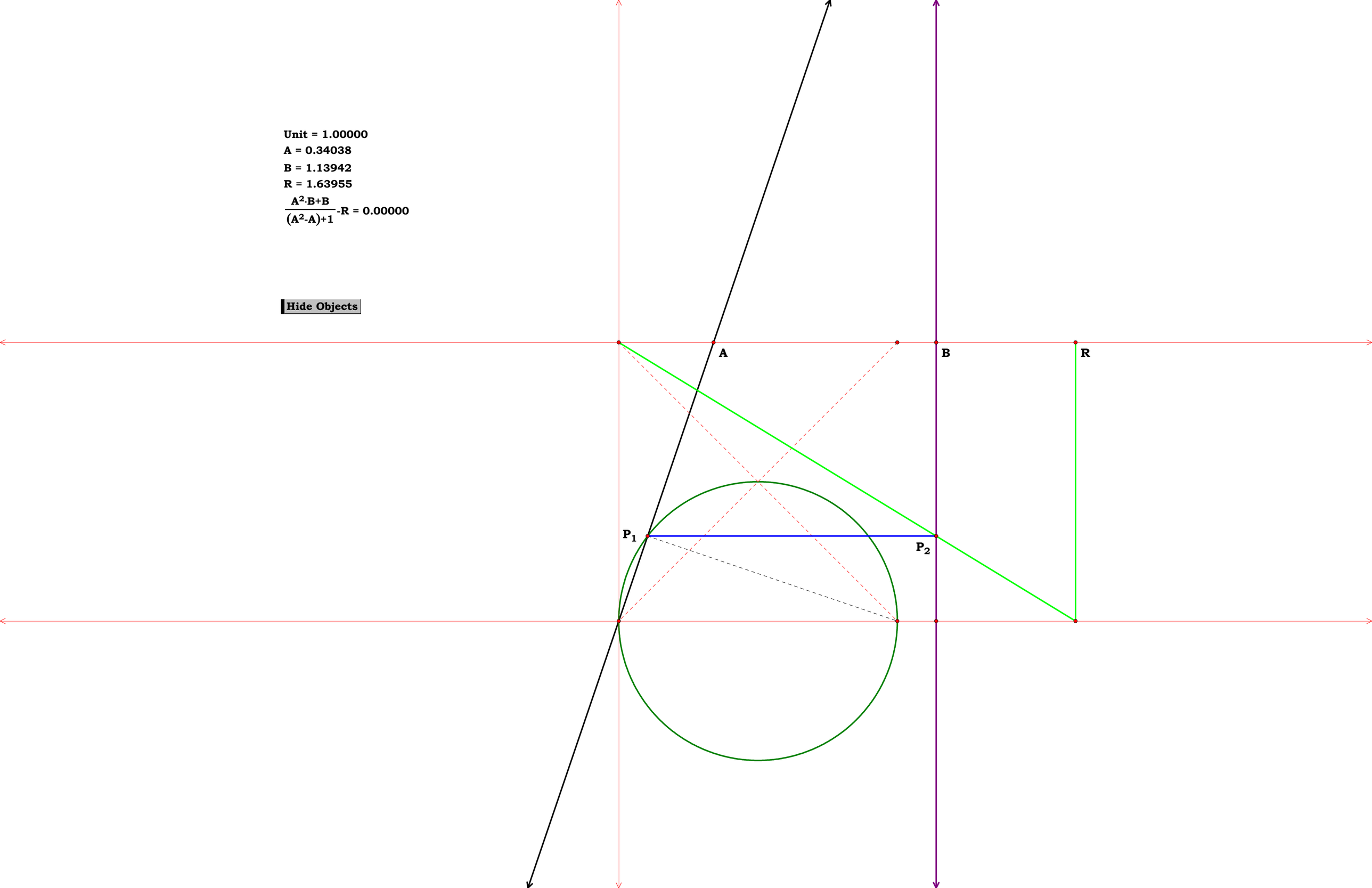
A = 0.34038

B = 1.13942

R = 1.63955

$\frac{A^2 \cdot B+B}{(A^2-A)+1}$-R = 0.00000

Hide Objects



Unit = 1.00000

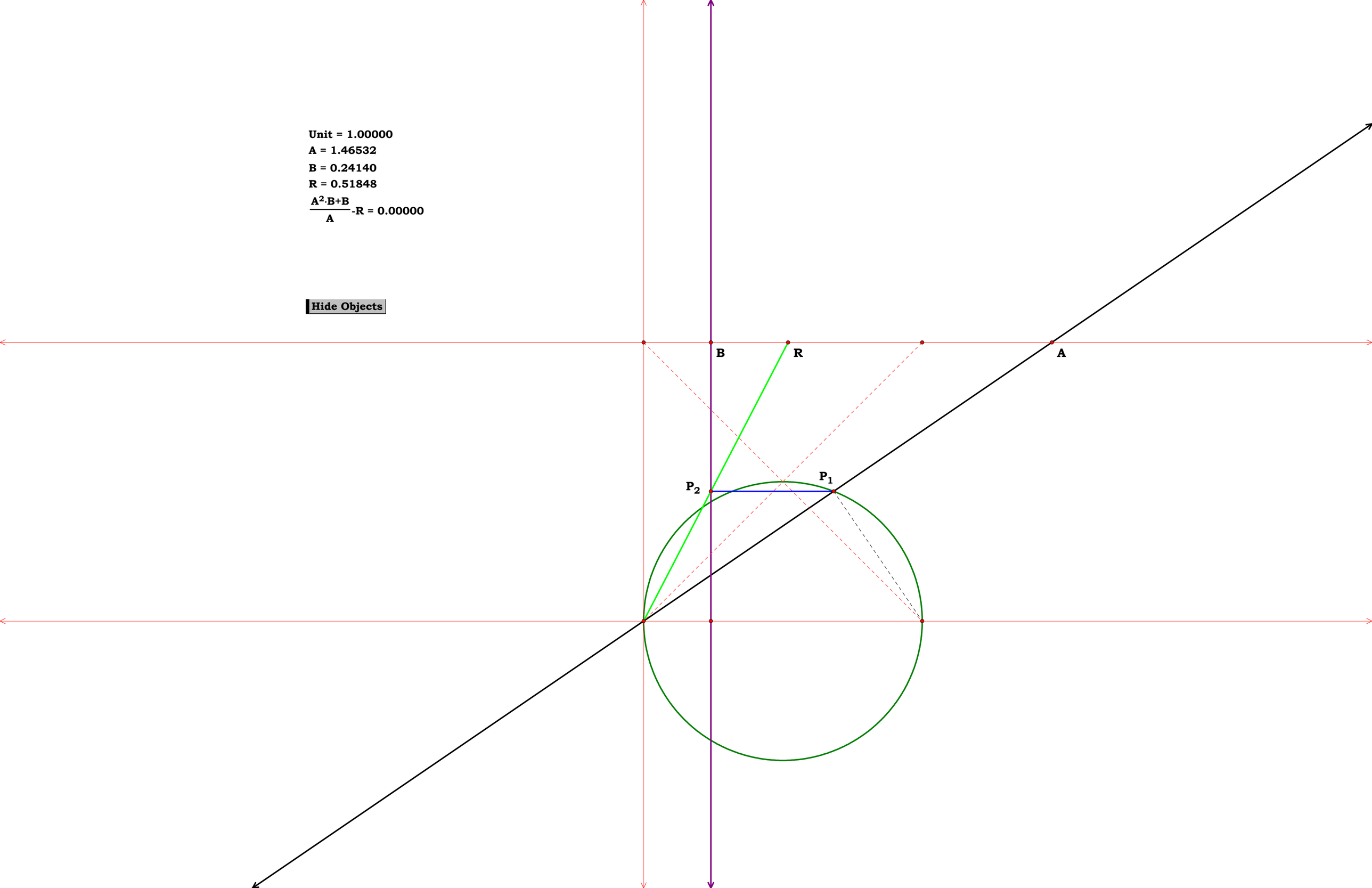
A = 1.46532

B = 0.24140

R = 0.51848

$\frac{A^2 \cdot B+B}{A}$ -R = 0.00000

Hide Objects



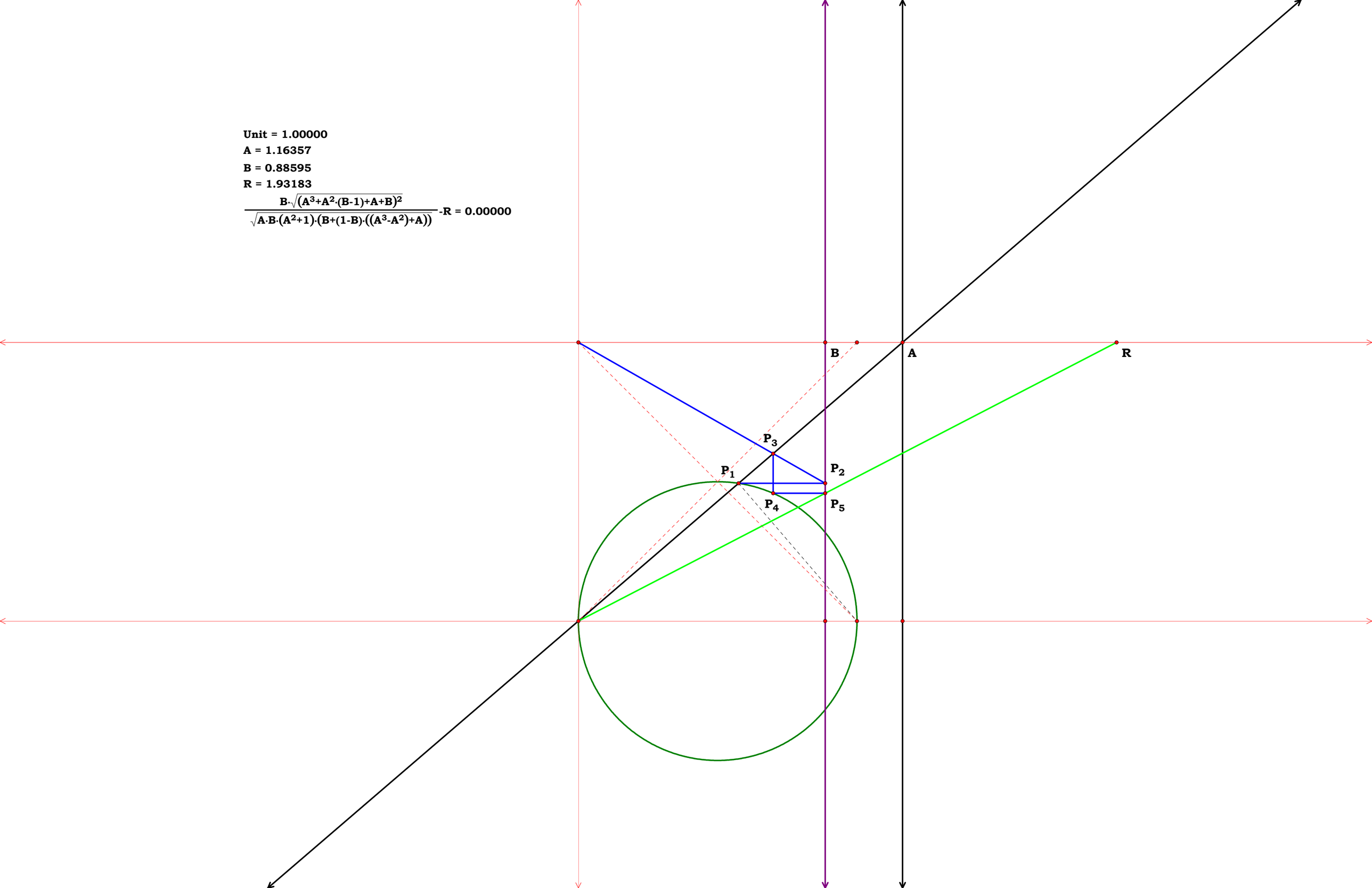
Unit = 1.00000

A = 1.16357

B = 0.88595

R = 1.93183

$$\frac{B\cdot\sqrt{(A^3+A^2\cdot(B-1)+A+B)^2}}{\sqrt{A\cdot B\cdot(A^2+1)\cdot(B+(1-B)\cdot((A^3-A^2)+A))}}-R = 0.00000$$



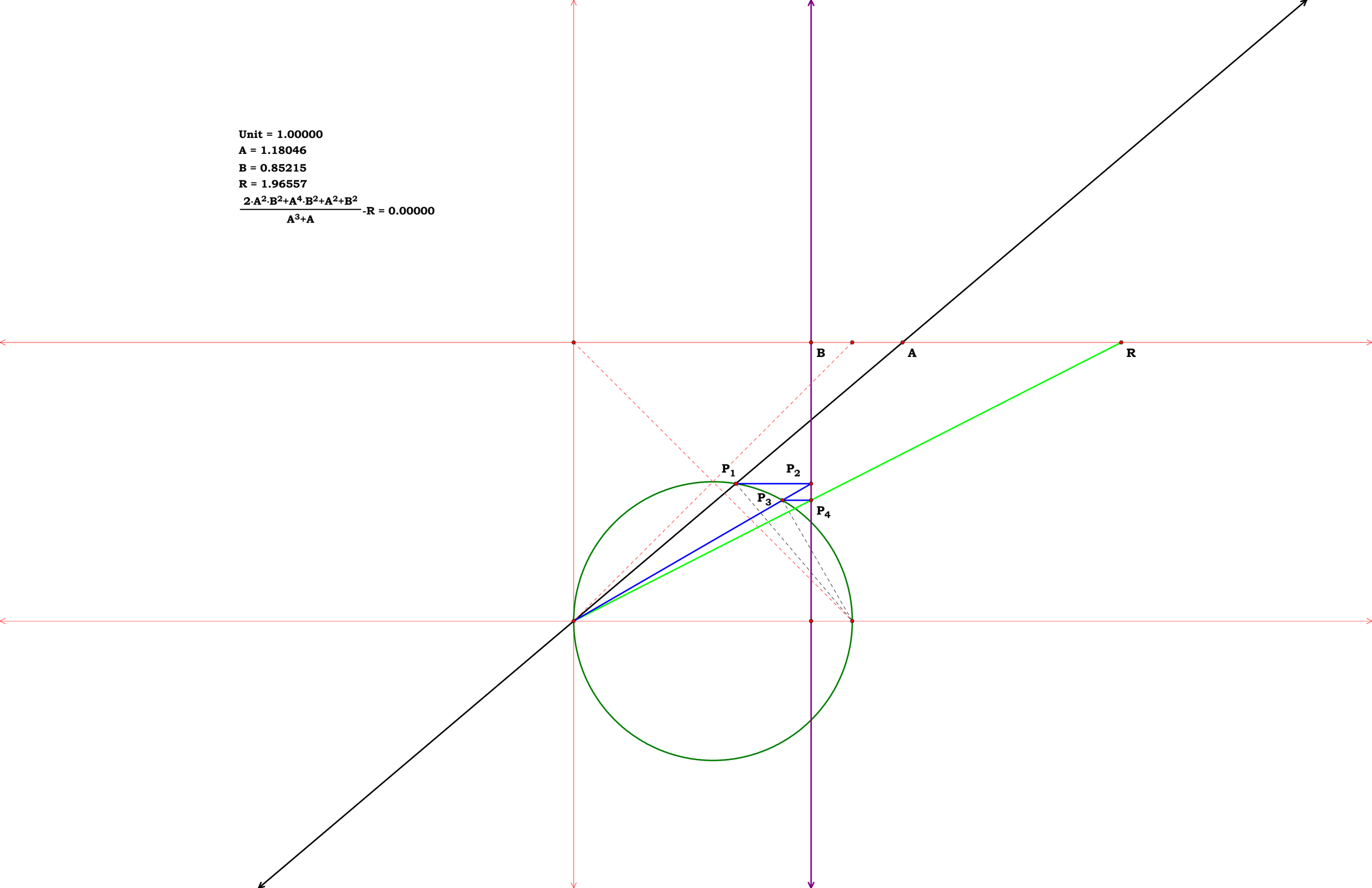
Unit = 1.00000

A = 1.18046

B = 0.85215

R = 1.96557

$$\frac{2\cdot A^2\cdot B^2+A^4\cdot B^2+A^2+B^2}{A^3+A}-R = 0.00000$$



Unit = 1.00000

A = 2.60233

B = 0.63248

R = 0.36304

$$\frac{(A^2 \cdot B - A \cdot B) + B}{(A^2 - A) + 1 + \sqrt{B \cdot ((A^2 - A) + 1) \cdot ((((A^2 - A^2 \cdot B) + A \cdot B) - B) + 1)}} - R = 0.00000$$

R

B

A

P_3

P_2

P_1

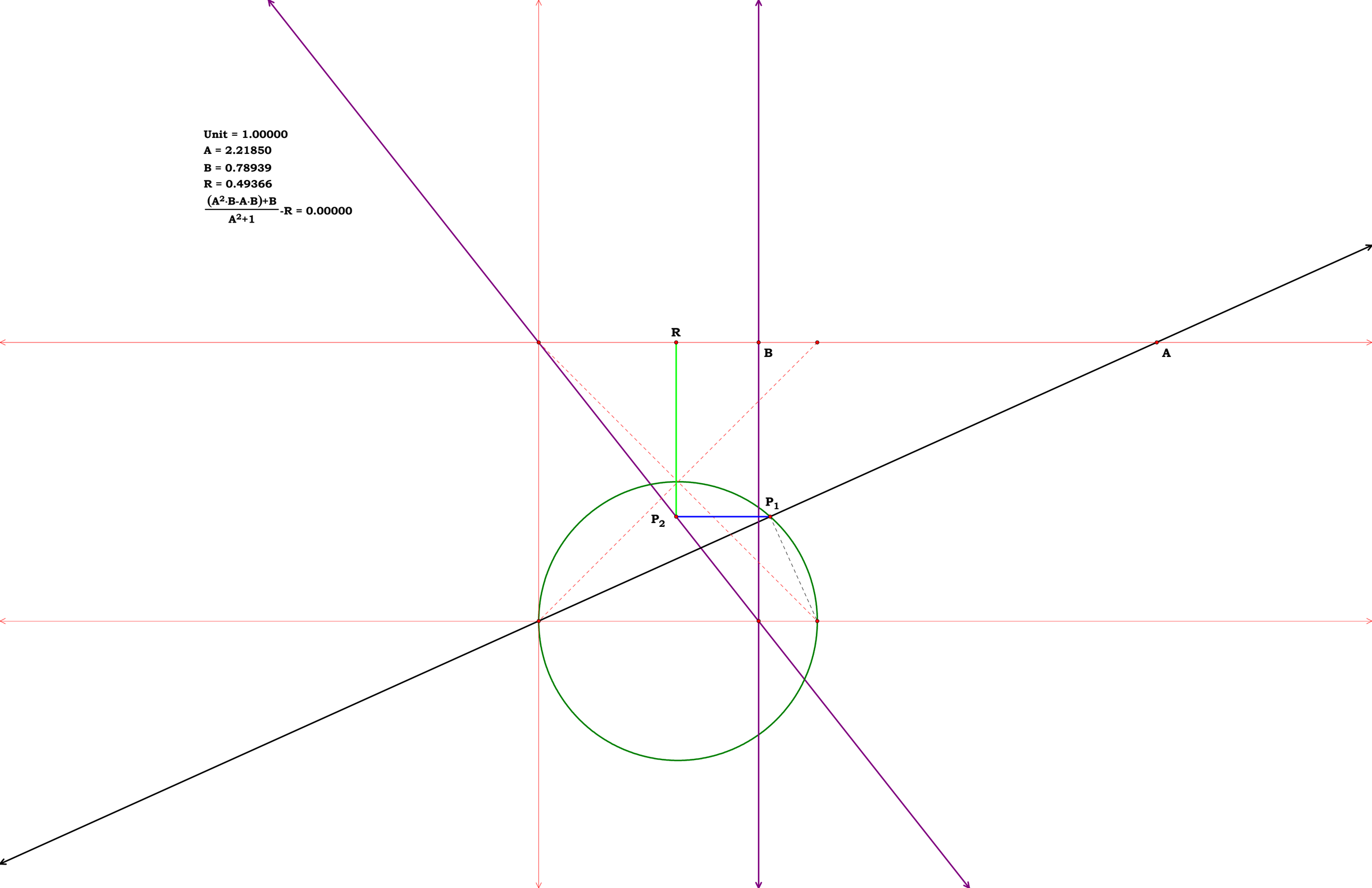
Unit = 1.00000

A = 2.21850

B = 0.78939

R = 0.49366

$$\frac{(A^2 \cdot B - A \cdot B) + B}{A^2 + 1} - R = 0.00000$$



Unit = 1.00000

A = 2.14608

B = 1.74052

R = 0.88729

$$\frac{(((A^4\cdot B^2-2\cdot A^3\cdot B^2)+3\cdot A^2\cdot B^2)-2\cdot A\cdot B^2)+B^2}{(((A^4\cdot B^2-2\cdot A^3\cdot B^2)+3\cdot A^2\cdot B^2)-2\cdot A\cdot B^2)+A^2+B^2}-R = 0.00000$$

R

B

A

P_1

P_2

P_3

Unit = 1.00000

A = 2.04227

B = 1.08390

R = 1.24317

$$\frac{((A^2\cdot B-A\cdot B)+B)}{\sqrt{(((((A^2-A^2\cdot B)+A\cdot B)-A-B)+1)+\sqrt{(A\cdot B-A^2\cdot B-B)\cdot(((A^2\cdot B-A\cdot B-A^2)+B)-1)})\cdot((A^2\cdot B-A\cdot B)+B)}}-R = 0.00000$$

B

R

A

P_5

P_3

P_4

P_1

P_2

Unit = 1.00000

A = 2.15332

B = 0.70973

R = 0.88389

$$\frac{(A^2 \cdot B - A \cdot B) + B}{\sqrt{(A \cdot B - A^2 \cdot B - B) \cdot (((A^2 \cdot B - A \cdot B - A^2) + B) - 1)}} - R = 0.00000$$

B

R

A

P_3

P_2

P_1

Unit = 1.00000

A = 1.65603

B = 0.86422

R = 1.14635

$$\frac{\sqrt{(A\cdot B)^2}}{\sqrt{(A^2\cdot B+A\cdot B^2)-A^2\cdot B^2}}-R = 0.00000$$

B

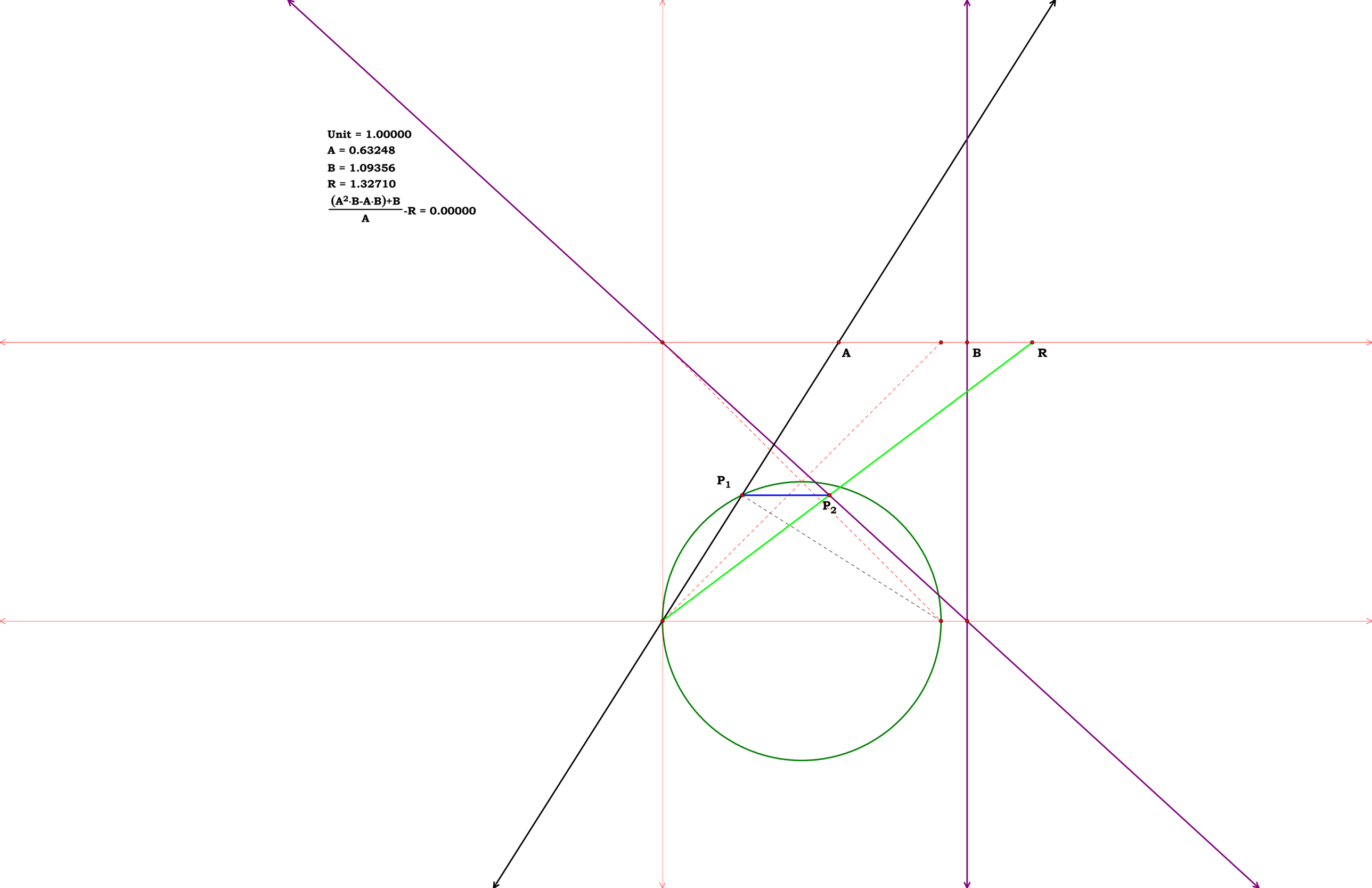
R

A

P_3

P_1

P_2


Unit = 1.00000
A = 0.63248
B = 1.09356
R = 1.32710
$\frac{(A^2 \cdot B - A \cdot B) + B}{A} - R = 0.00000$
A
B
R
P_1
P_2

Unit = 1.00000

A = 1.09356

B = 0.87629

R = 1.63710

$$\frac{(A+B)\cdot\left(\sqrt{(A+B)^2}+\sqrt{(A-B)\cdot(A+3\cdot B)}\right)}{2\cdot B\cdot\sqrt{(A+B)^2}}-R = 0.00000$$

B

A

R

P_3

P_1

Unit = 1.00000
A = 1.57878
B = 1.05493
R = 2.48989

$$\left(\frac{\frac{1}{2}+\frac{1}{2}\cdot\sqrt{1-4\cdot\left(\frac{B^2}{\left(\left(\frac{\frac{1}{2}+\frac{1}{2}\cdot\sqrt{1-4\cdot\left(\frac{B^2}{(A+B)^2}\right)}}{B}\right)\cdot(A+B)+B\right)^2}\right)}}{B}\right)\cdot\left(\left(\frac{\frac{1}{2}+\frac{1}{2}\cdot\sqrt{1-4\cdot\left(\frac{B^2}{(A+B)^2}\right)}}{B}\right)\cdot(A+B)+B\right)-R = 0.00000$$

B A R

P_1 P_2 P_3 P_1

Unit = 1.00000

A = 1.47739

B = 0.75318

R = 0.38867

$$\frac{(A+B)\cdot\left(\sqrt{(A+B)^2}-\sqrt{(A-B)\cdot(A+3\cdot B)}\right)}{2\cdot B\cdot\sqrt{(A+B)^2}}-R = 0.00000$$

R

B

A

P_2

P_1

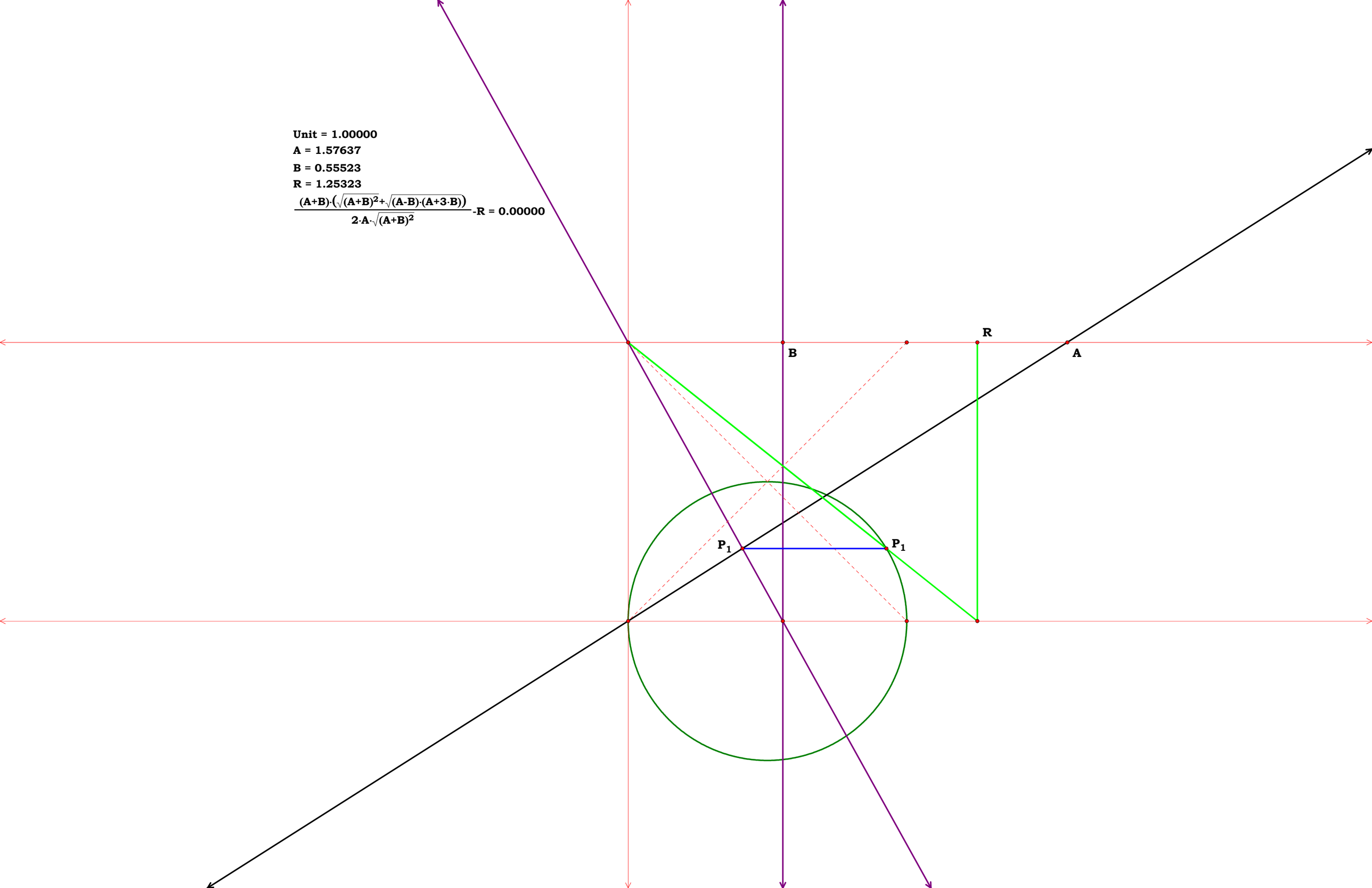
Unit = 1.00000

A = 1.57637

B = 0.55523

R = 1.25323

$$\frac{(A+B)\cdot\left(\sqrt{(A+B)^2}+\sqrt{(A-B)\cdot(A+3\cdot B)}\right)}{2\cdot A\cdot\sqrt{(A+B)^2}}-R = 0.00000$$



Unit = 1.00000

A = 1.83950

B = 0.74111

R = 0.12724

$$\frac{(A+B)\cdot\left(\sqrt{(A+B)^2}-\sqrt{(A-B)\cdot(A+3\cdot B)}\right)}{2\cdot A\cdot\sqrt{(A+B)^2}}-R = 0.00000$$

R

B

A

Unit = 1.00000

A = 1.25771

B = 1.76949

R = 0.93717

$$\frac{A^2 \cdot B}{(A^2 \cdot B - A^2) + B} - R = 0.00000$$

R

A

B

P_2

P_1

Unit = 1.00000

A = 1.62465

B = 1.13701

R = 2.33252

$$\frac{A^2 \cdot B + B + \sqrt{((3 \cdot A^2 \cdot B - 2 \cdot A^2) + 3 \cdot B) \cdot (2 \cdot A^2 - A^2 \cdot B - B)}}{2 \cdot ((A^2 \cdot B - A^2) + B)} - R = 0.00000$$

B

A

R

P_1

P_2

P_3

Unit = 1.00000

A = 1.52808

B = 0.90526

C = 0.54557

R = 1.86234

$$\frac{A^2 \cdot C}{(A^2 \cdot B + B) - A^2} - R = 0.00000$$

C

B

A

R

P_1

P_2

P_3

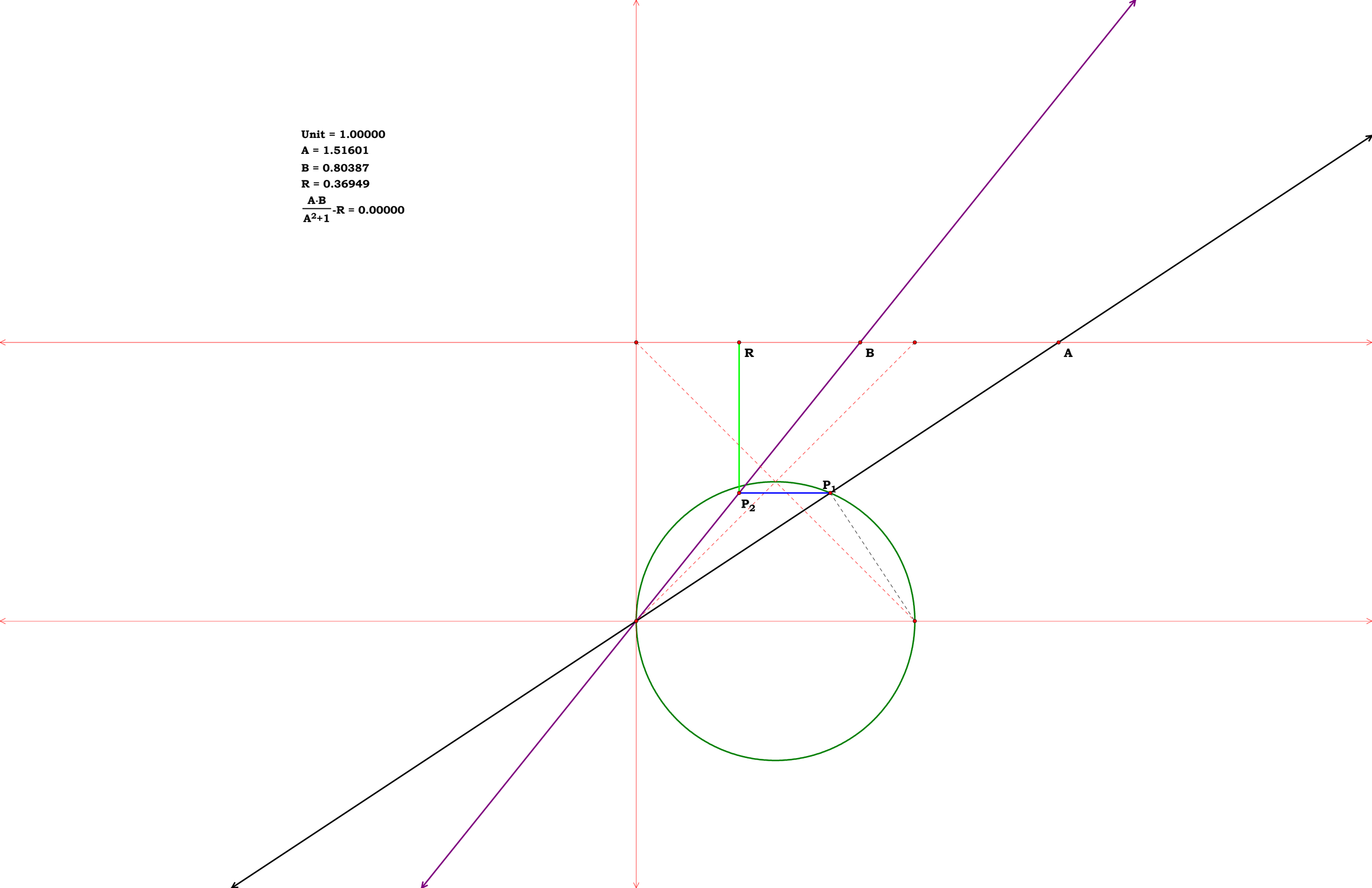
Unit = 1.00000

A = 1.51601

B = 0.80387

R = 0.36949

$\frac{A \cdot B}{A^2+1}$-R = 0.00000



Unit = 1.00000

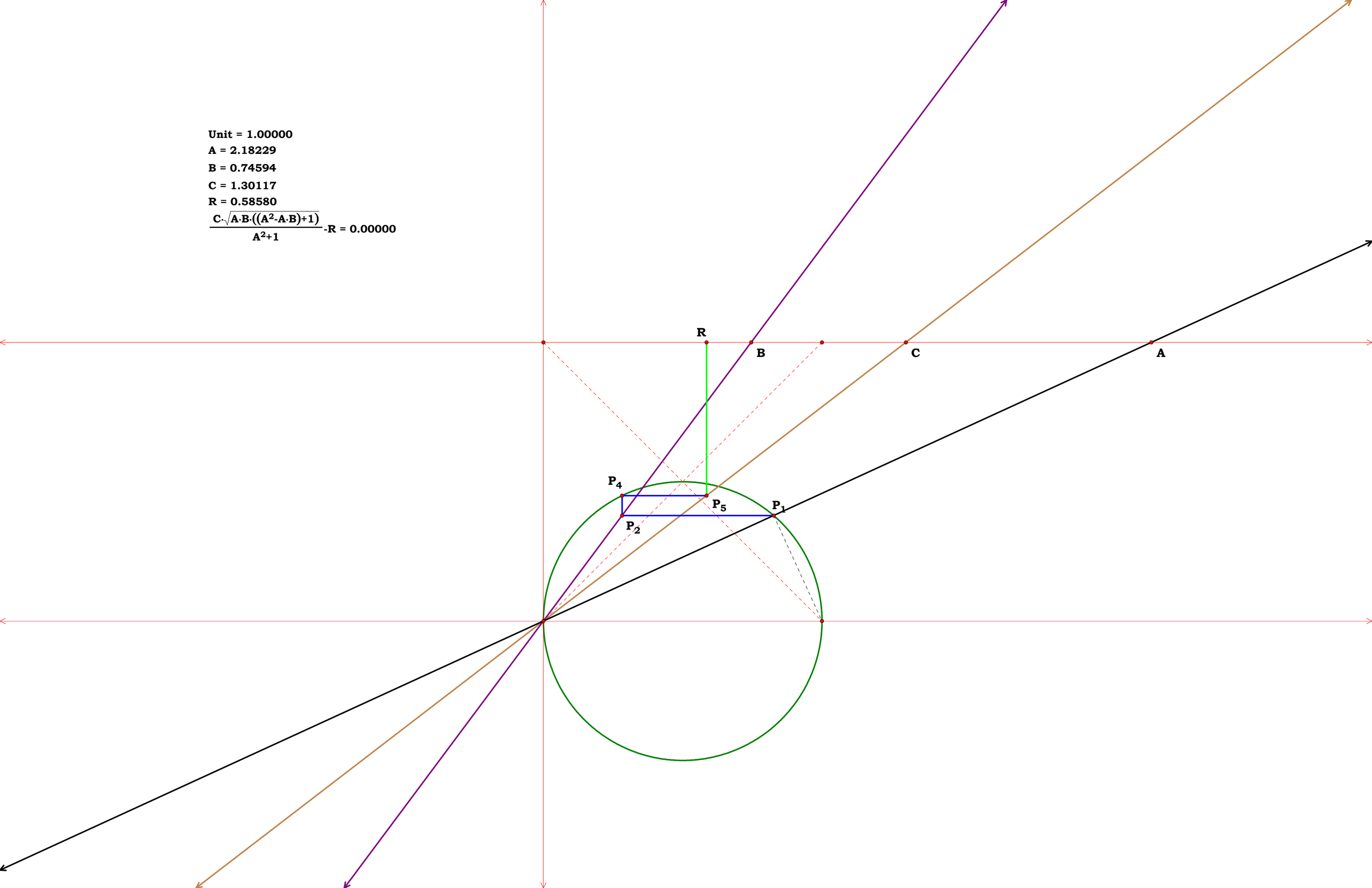
A = 2.18229

B = 0.74594

C = 1.30117

R = 0.58580

$$\frac{C\cdot\sqrt{A\cdot B\cdot((A^2-A\cdot B)+1)}}{A^2+1}-R = 0.00000$$



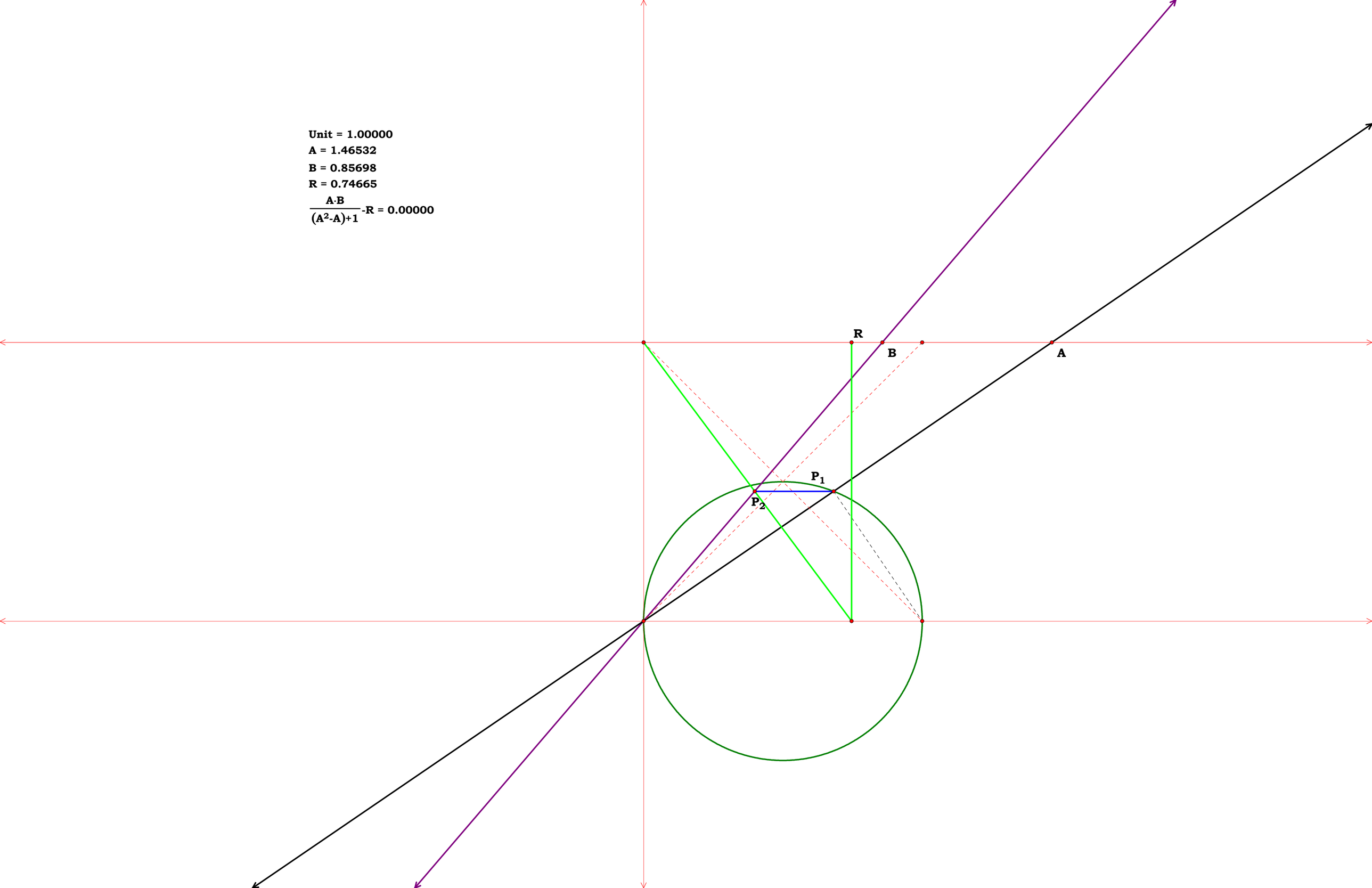
Unit = 1.00000

A = 1.46532

B = 0.85698

R = 0.74665

$\frac{A \cdot B}{(A^2-A)+1}$-R = 0.00000



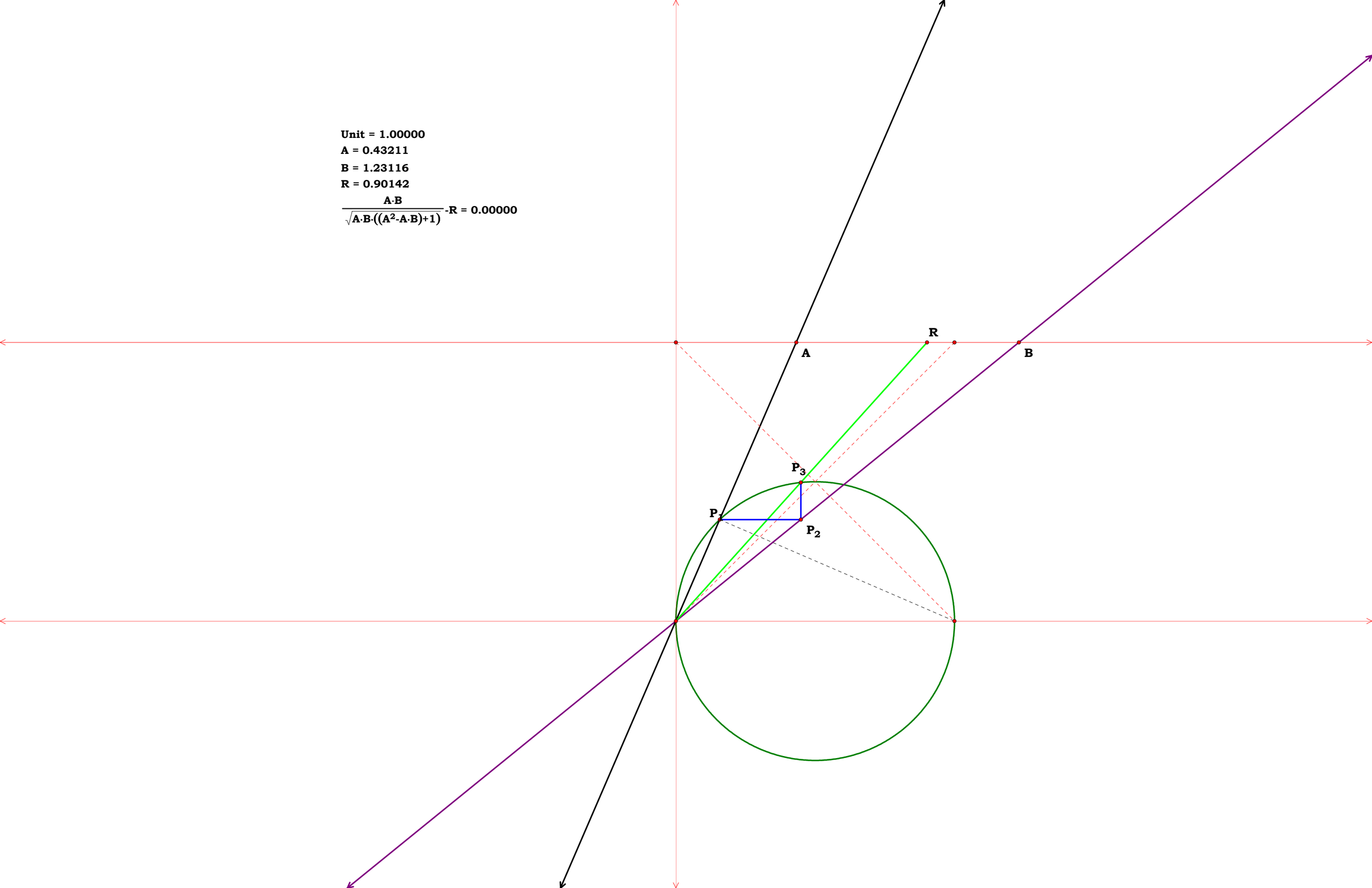
Unit = 1.00000

A = 0.43211

B = 1.23116

R = 0.90142

$$\frac{A \cdot B}{\sqrt{A \cdot B \cdot ((A^2 - A \cdot B) + 1)}} - R = 0.00000$$



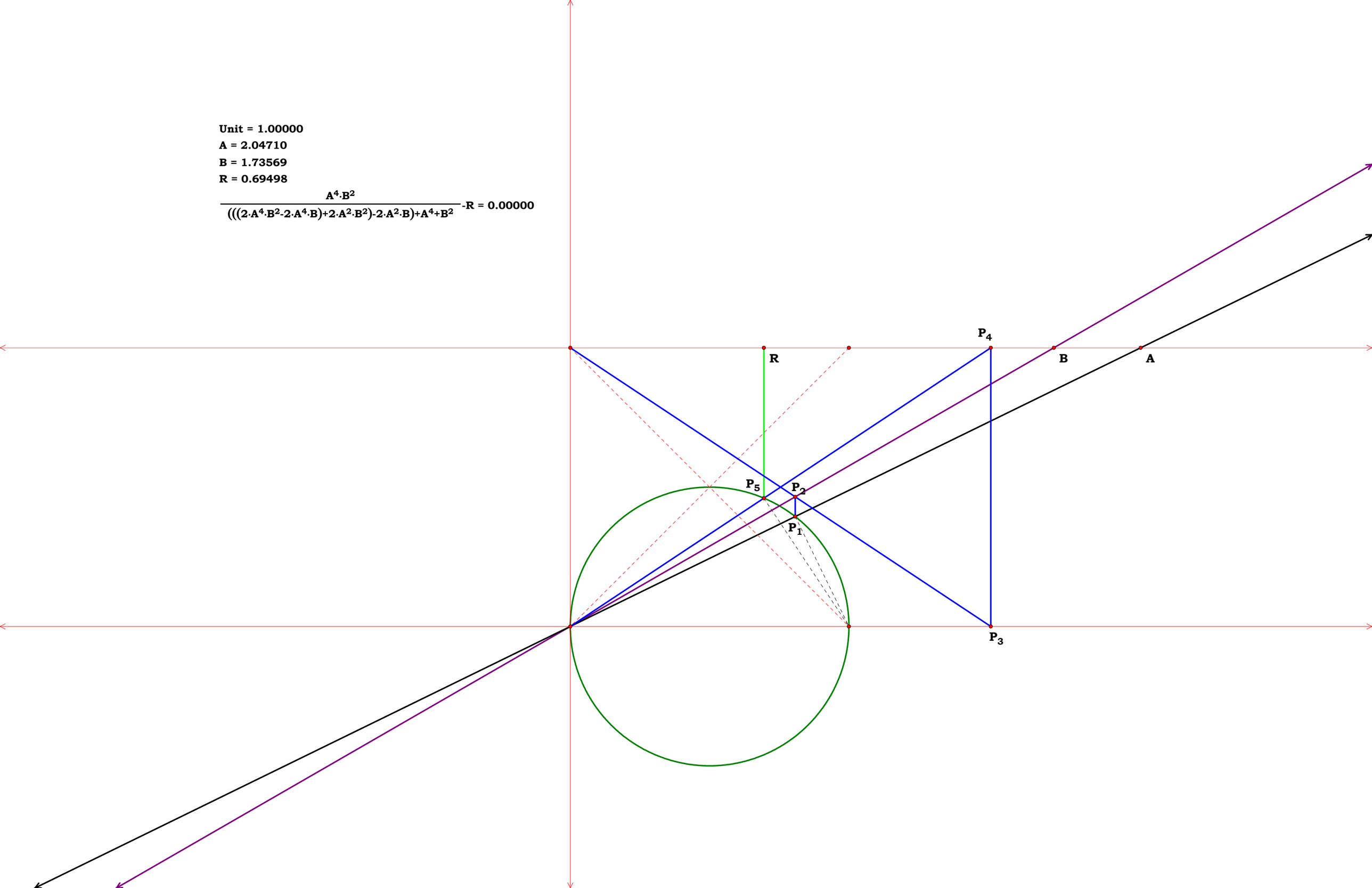
Unit = 1.00000

A = 2.04710

B = 1.73569

R = 0.69498

$$\frac{A^4 \cdot B^2}{(((2 \cdot A^4 \cdot B^2 - 2 \cdot A^4 \cdot B) + 2 \cdot A^2 \cdot B^2) - 2 \cdot A^2 \cdot B) + A^4 + B^2} - R = 0.00000$$



Unit = 1.00000

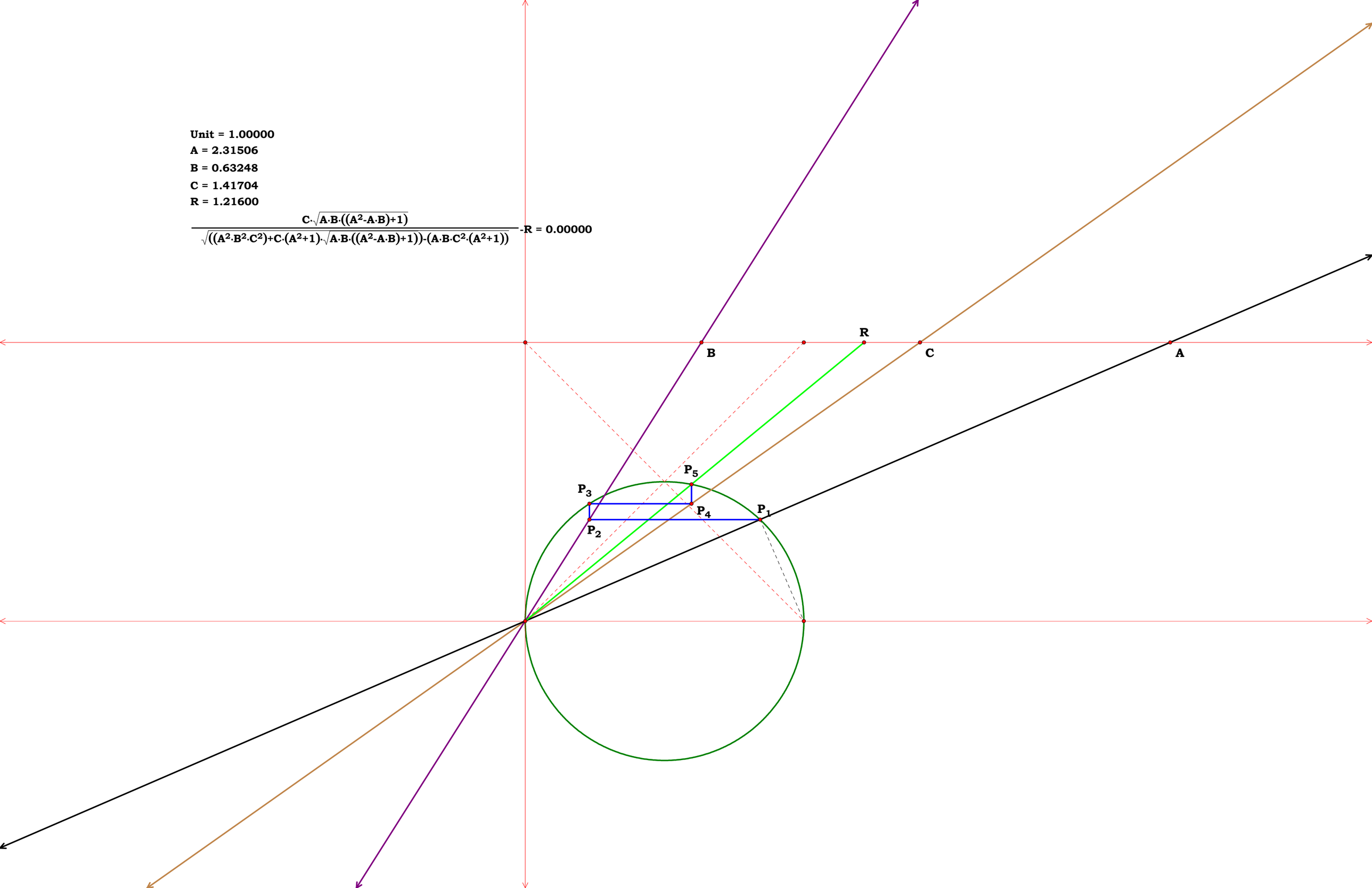
A = 2.31506

B = 0.63248

C = 1.41704

R = 1.21600

$$\frac{C\cdot\sqrt{A\cdot B\cdot((A^2-A\cdot B)+1)}}{\sqrt{((A^2\cdot B^2\cdot C^2)+C\cdot(A^2+1)\cdot\sqrt{A\cdot B\cdot((A^2-A\cdot B)+1)})-(A\cdot B\cdot C^2\cdot(A^2+1))}}-R = 0.00000$$



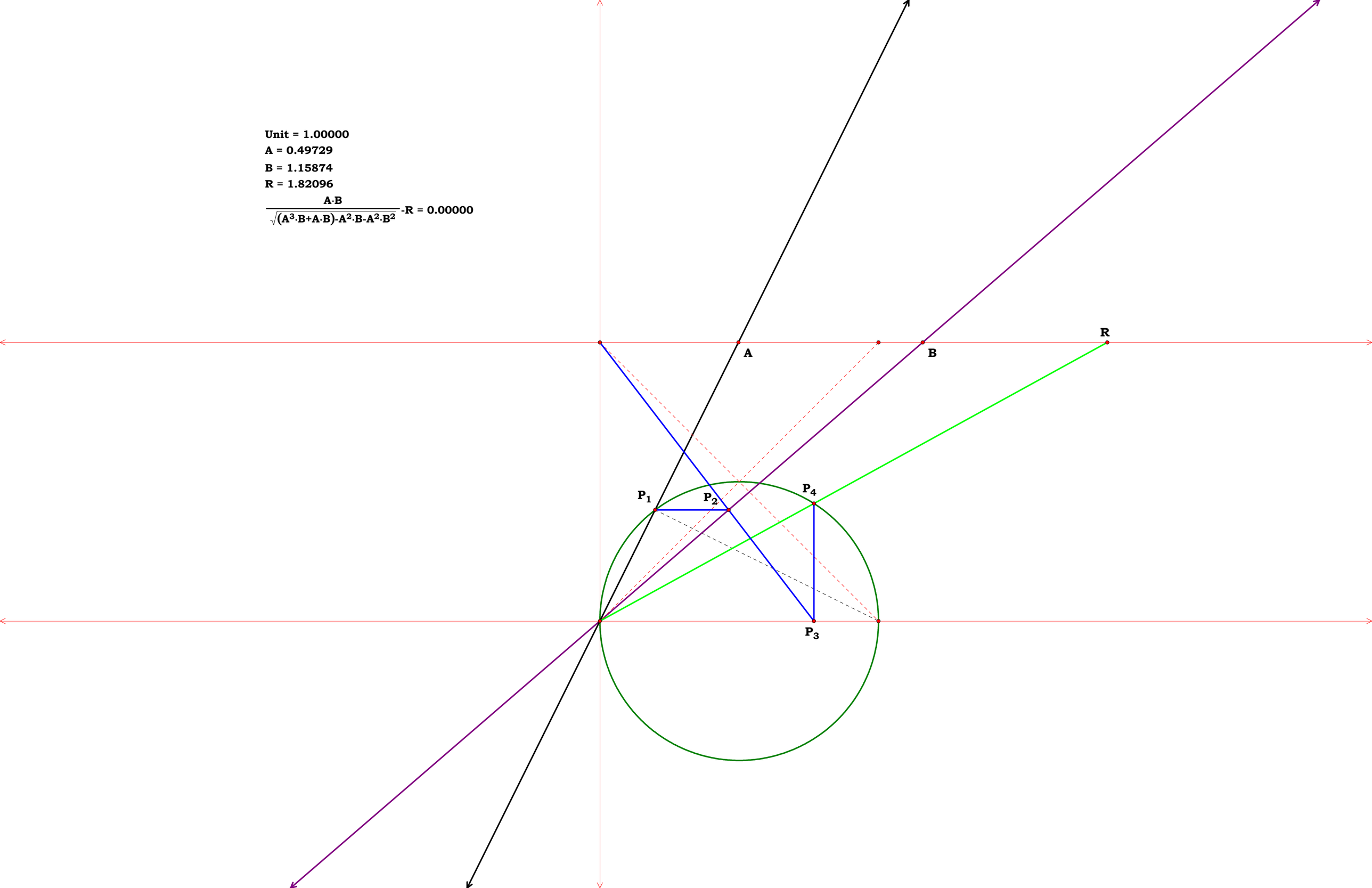
Unit = 1.00000

A = 0.49729

B = 1.15874

R = 1.82096

$$\frac{A \cdot B}{\sqrt{(A^3 \cdot B + A \cdot B) - A^2 \cdot B - A^2 \cdot B^2}} - R = 0.00000$$



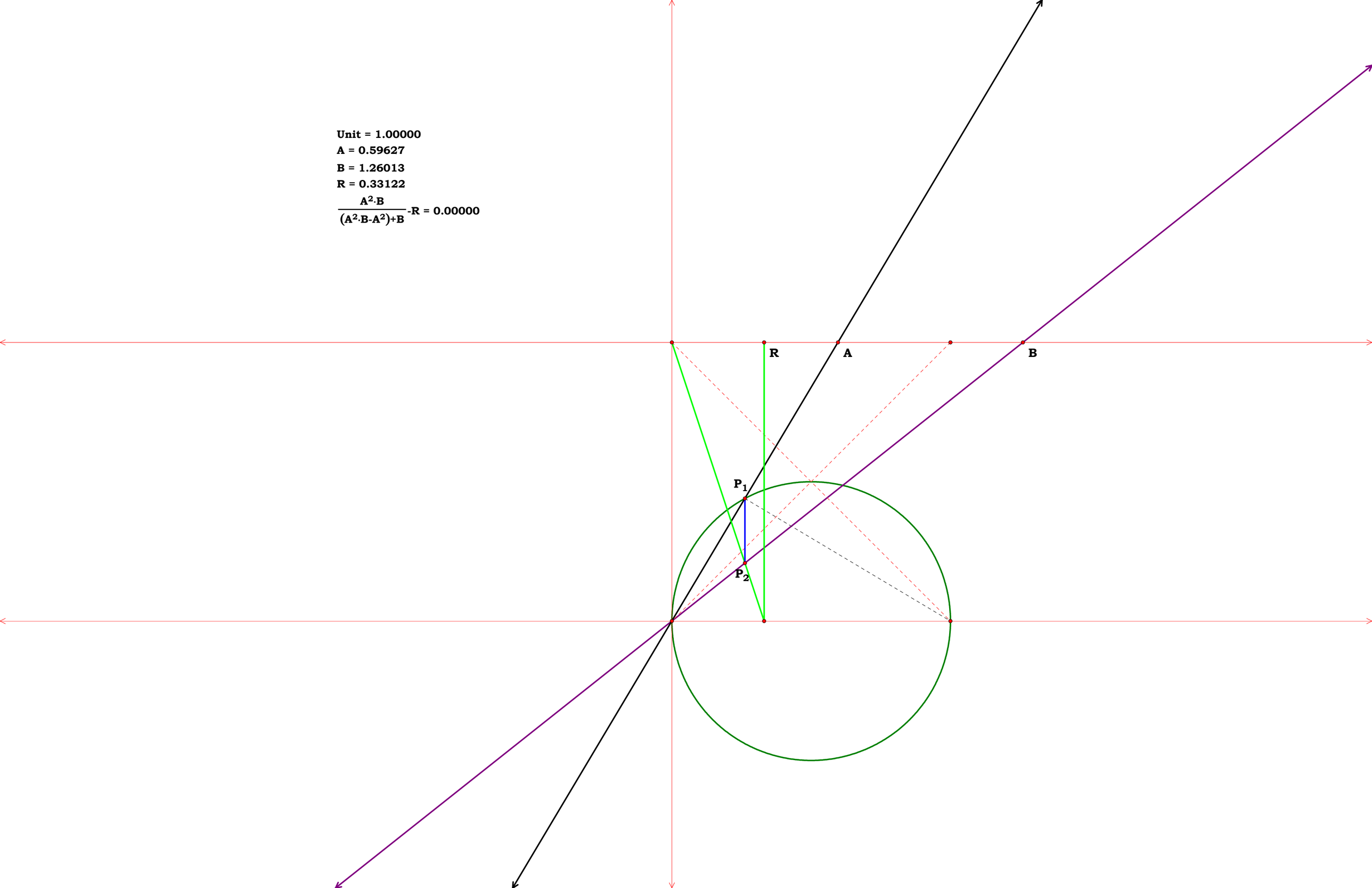
Unit = 1.00000

A = 0.59627

B = 1.26013

R = 0.33122

$$\frac{A^2 \cdot B}{(A^2 \cdot B - A^2) + B} - R = 0.00000$$



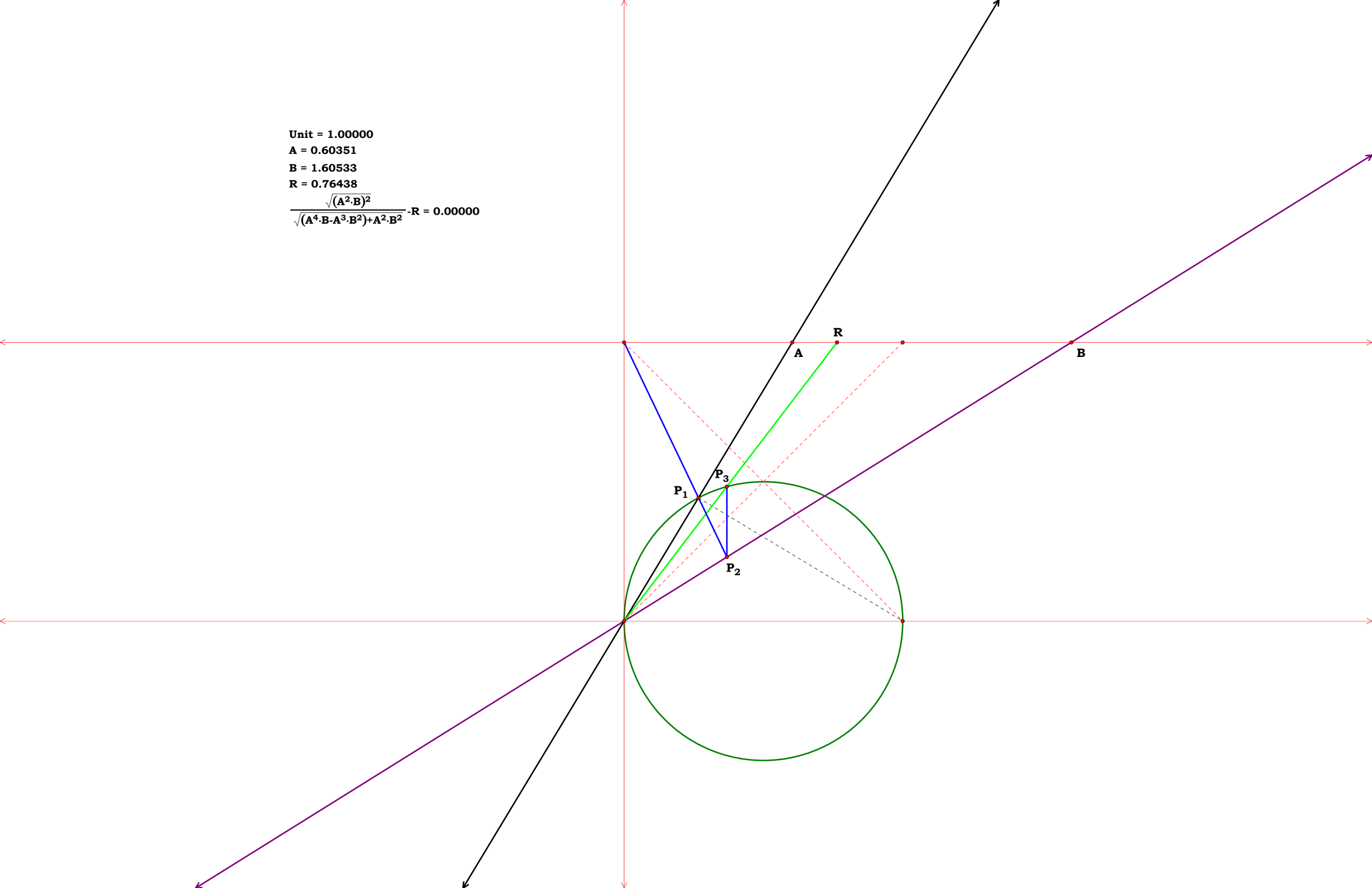
Unit = 1.00000

A = 0.60351

B = 1.60533

R = 0.76438

$$\frac{\sqrt{(A^2 \cdot B)^2}}{\sqrt{(A^4 \cdot B - A^3 \cdot B^2) + A^2 \cdot B^2}} - R = 0.00000$$



Unit = 1.00000

A = 1.54981

B = 2.07124

C = 0.90526

R = 0.45581

$$\frac{(A^2 \cdot B \cdot C - A^2 \cdot B) + B \cdot C}{A^2 \cdot C + C} - R = 0.00000$$

R

C

A

B

P_2

P_3

P_2

Unit = 1.00000

A = 0.55040

B = 0.65179

C = 1.09597

D = 1.79363

R = 0.71951

$$\frac{B\cdot C\cdot D\cdot(A^2+1)-A^2\cdot B\cdot D}{D\cdot(A^2\cdot C+C)-B\cdot((C+A^2\cdot C)-A^2)}-R = 0.00000$$

A B R C D

P_1 P_2 P_3 P_4

Unit = 1.00000

A = 0.38866

B = 0.90285

C = 0.63731

R = 1.59147

$$\frac{\sqrt{C^2}\cdot B\cdot((A^2\cdot C+C)-A^2)}{C\cdot\sqrt{B\cdot((A^2\cdot C+C)-A^2)\cdot((A^2\cdot B+A^2\cdot C+C)-B\cdot C-A^2\cdot B\cdot C)}}-R = 0.00000$$

A

C

B

R

P_1

P_2

P_3

P_4

Unit = 1.00000

A = 1.89260

B = 0.76525

C = 1.09597

R = 0.44421

$$\frac{A \cdot B \cdot C}{(A^2 \cdot C - A \cdot B) + C} - R = 0.00000$$

R

B

C

A

P_3

P_1

P_2

Unit = 1.00000

A = 1.73086

B = 0.82319

C = 1.09597

R = 0.68466

$$\frac{B\cdot C\cdot\sqrt{A\cdot(A+C)^2}}{(A+C)\cdot\sqrt{A^2\cdot B\cdot C\cdot((A+C)-B\cdot C)}}-R = 0.00000$$

R

B

C

A

P_3

P_2

P_1

Unit = 1.00000

A = 0.70973

B = 1.85157

C = 1.09597

R = 0.83062

$$\frac{A^2 \cdot B \cdot C}{(((A^2 \cdot B \cdot C - A \cdot B \cdot C) + A^2 \cdot C) - A^2 \cdot B) + B \cdot C} - R = 0.00000$$

A

R

C

B

P_3

P_1

P_2

Unit = 1.00000

A = 1.49912

B = 0.49246

C = 2.24023

D = 2.05917

R = 1.73189

$$\frac{D\cdot((B\cdot C\cdot((A^2-A)+1)+A^2\cdot C)-A^2\cdot B)}{C\cdot((B+A^2\cdot B+A^2)-A\cdot B)}-R = 0.00000$$

B

A

R

D

C

P_3

P_4

P_2

P_1

Unit = 1.00000

A = 1.46532

B = 0.86664

C = 0.44418

R = 0.32691

$$\frac{(A^2 \cdot B \cdot C - A \cdot B \cdot C) + B \cdot C}{((A^2 \cdot B - A^2 \cdot C) + A \cdot C + B) - C} - R = 0.00000$$

R

C

B

A

P_2

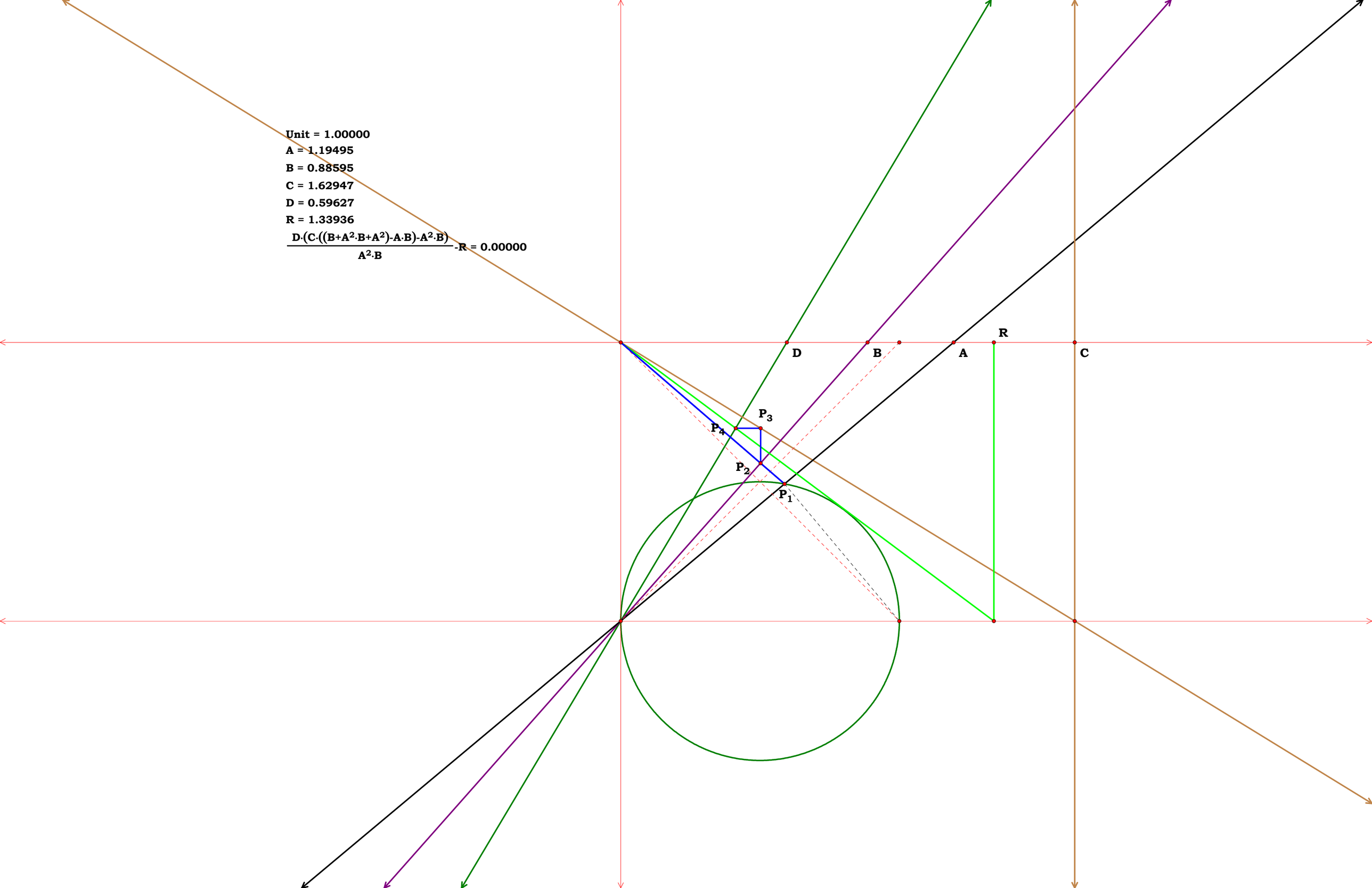
P_1

P_3

Unit = 1.00000
A = 2.35851
B = 0.61558
C = 1.81535
D = 0.84008
E = 1.42670
R = 1.12424

$$\frac{A^2 \cdot C \cdot D \cdot E}{A^2 \cdot ((C \cdot E - C \cdot D) + B \cdot D \cdot E) + B \cdot D \cdot E} - R = 0.00000$$

B
D
R
E
C
A
P_5
P_4
P_3
P_6
P_1
P_2


Unit = 1.00000
A = 1.19495
B = 0.88595
C = 1.62947
D = 0.59627
R = 1.33936
$\frac{D\cdot(C\cdot((B+A^2\cdot B+A^2)-A\cdot B)-A^2\cdot B)}{A^2\cdot B}$-R = 0.00000
D
B
A
R
C
P3
P4
P2
P1

Unit = 1.00000

A = 1.65120

B = 1.26495

C = 1.00182

R = 0.41949

$$\frac{C\cdot\left(\sqrt{\left(B\cdot\left(\left(A^2-A\right)+1\right)+A^2\right)^2}\cdot\sqrt{C^2}-\sqrt{\left(A^2\cdot\left(2\cdot B-C-B\cdot C\right)+B\cdot C\cdot\left(A-1\right)\right)\cdot\left(\left(3\cdot B\cdot C\cdot\left(\left(A^2-A\right)+1\right)+A^2\cdot 3\cdot C\right)-2\cdot A^2\cdot B\right)}\right)\cdot\left(B\cdot\left(\left(A^2-A\right)+1\right)+A^2\right)}{2\cdot\sqrt{\left(B\cdot\left(\left(A^2-A\right)+1\right)+A^2\right)^2}\cdot\sqrt{C^2}\cdot\left(\left(\left(A^2\cdot C-A^2\cdot B\right)+B\cdot C+A^2\cdot B\cdot C\right)-A\cdot B\cdot C\right)} - R = 0.00000$$

R

C

B

A

P_2

P_1

P_4

P_3

Unit = 1.00000

A = 1.41945

B = 2.17505

C = 0.48522

R = 0.66555

$$\frac{\sqrt{B^2}\cdot C\cdot((A^2-A)+1)}{\sqrt{B\cdot C\cdot((A^2-A)+1)\cdot((A^2\cdot((B-B\cdot C)+1)+A\cdot B\cdot(C-1)+B)-B\cdot C)}}-R = 0.00000$$

C

R

A

B

P_1

P_2

P_3

P_4

Unit = 1.00000

A = 1.46532

B = 1.26013

C = 1.09597

D = 0.88112

R = 0.65846

$$\frac{B\cdot D\cdot\sqrt{(A+C)^2}}{B\cdot\sqrt{(A+C)^2}+D\cdot\sqrt{A\cdot C\cdot((A+C)-A\cdot C)}}-R = 0.00000$$

R D C B A

P_1 P_2 P_3 P_4

Unit = 1.00000

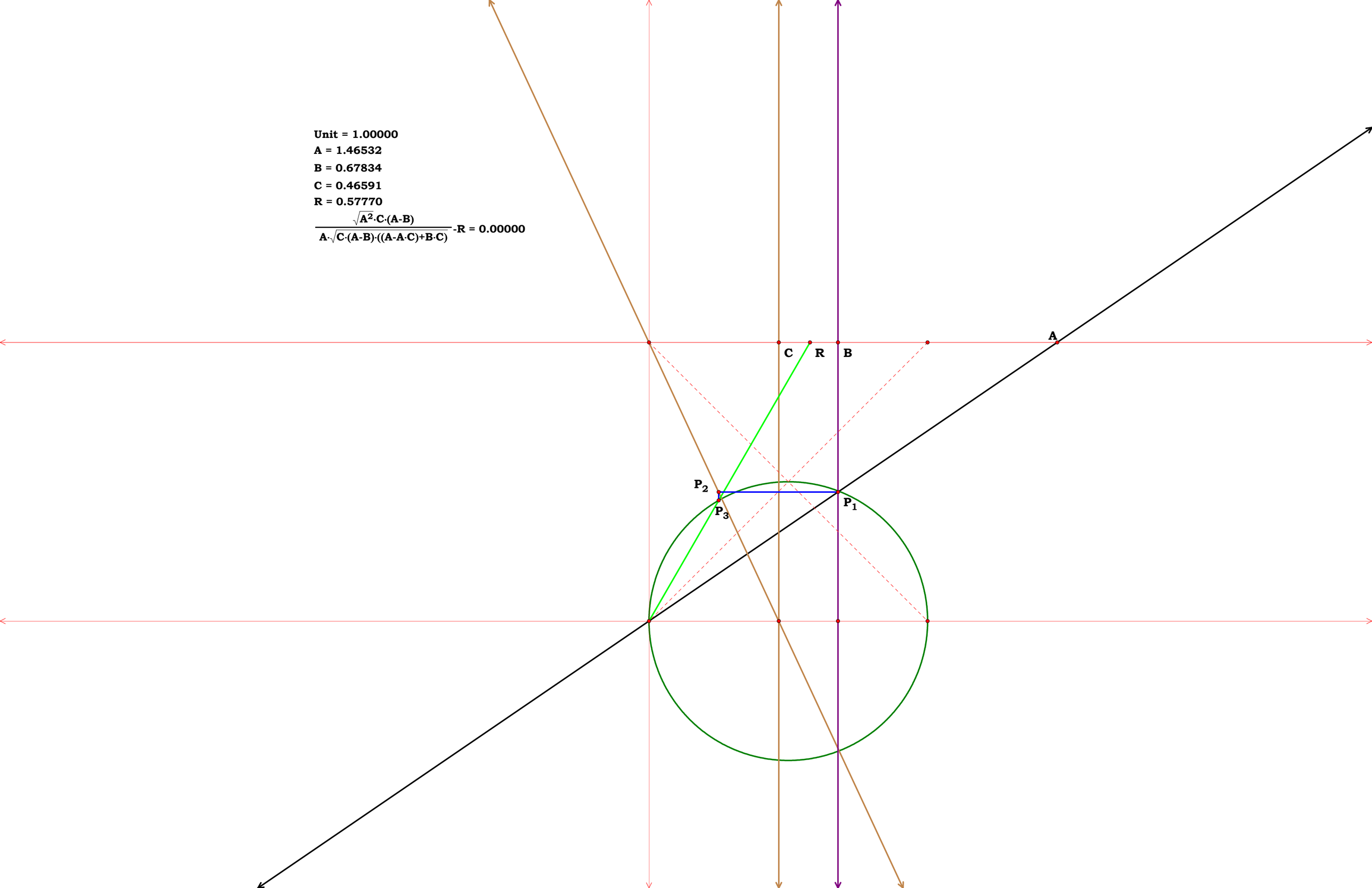
A = 1.46532

B = 0.67834

C = 0.46591

R = 0.57770

$$\frac{\sqrt{A^2 \cdot C \cdot (A-B)}}{A \cdot \sqrt{C \cdot (A-B) \cdot ((A-A \cdot C)+B \cdot C)}} - R = 0.00000$$



Unit = 1.00000

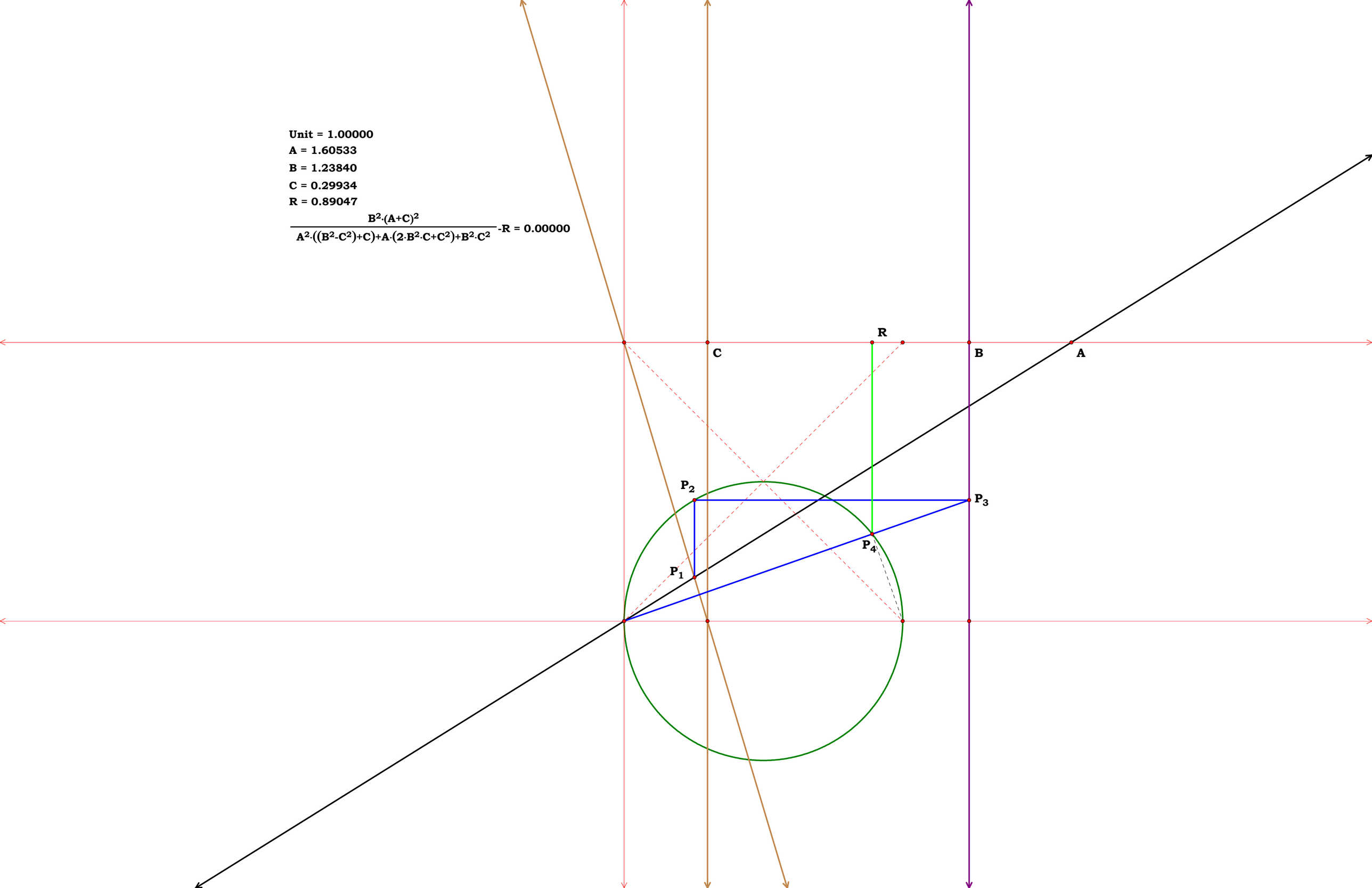
A = 1.60533

B = 1.23840

C = 0.29934

R = 0.89047

$$\frac{B^2\cdot(A+C)^2}{A^2\cdot((B^2-C^2)+C)+A\cdot(2\cdot B^2\cdot C+C^2)+B^2\cdot C^2}-R = 0.00000$$



Unit = 1.00000
A = 0.42246
B = 1.68017
C = 1.74776
D = 0.70490
R = 1.19469

$$\frac{B\cdot\sqrt{D^2}\cdot\sqrt{(A+C)^2}}{\sqrt{B\cdot D\cdot\sqrt{(A+C)^2}\cdot\left(\left(B\cdot\sqrt{(A+C)^2}+D\cdot\sqrt{A\cdot C\cdot((A+C)-A\cdot C)}\right)-B\cdot D\cdot\sqrt{(A+C)^2}\right)}} - R = 0.00000$$

A
D
R
B
C
P_1
P_2
P_3
P_4
P_5

Unit = 1.00000

A = 0.50695

B = 1.12253

C = 1.67775

R = 2.30217

$$\frac{B\cdot\sqrt{(A+C)^2}}{\sqrt{(A^2\cdot C+A\cdot C^2)-A^2\cdot C^2}}-R = 0.00000$$

A

B

C

R

P_1

P_2

P_3

Unit = 1.00000

A = 0.37418

B = 1.05011

C = 0.53109

R = 3.07802

$$\frac{B^2\cdot(A+C)^2+A\cdot C\cdot((A+C)-A\cdot C)}{\sqrt{(A+C)^2}\cdot\sqrt{A\cdot C\cdot((A+C)-A\cdot C)}}-R = 0.00000$$

A

C

B

R

P_1

P_2

P_3

P_4

P_5

Unit = 1.00000

A = 0.32589

B = 0.80629

C = 0.90285

R = 2.49357

$$\frac{B^2\cdot\sqrt{(A+C)^2}+B\cdot C\cdot\sqrt{A\cdot C\cdot((A+C)-A\cdot C)}}{C\cdot\sqrt{A\cdot C\cdot((A+C)-A\cdot C)}}-R = 0.00000$$

A

B

C

R

P_1

P_2

P_3

P_4

P_5

Unit = 1.00000
A = 1.46532
B = 0.45142
C = 1.72121
R = 0.74786
$\frac{A^2 \cdot B \cdot C + B \cdot C}{(A^2 \cdot C - A^2) + C} - R = 0.00000$

B
R
A
C
P_3
P_2
P_1

Unit = 1.00000

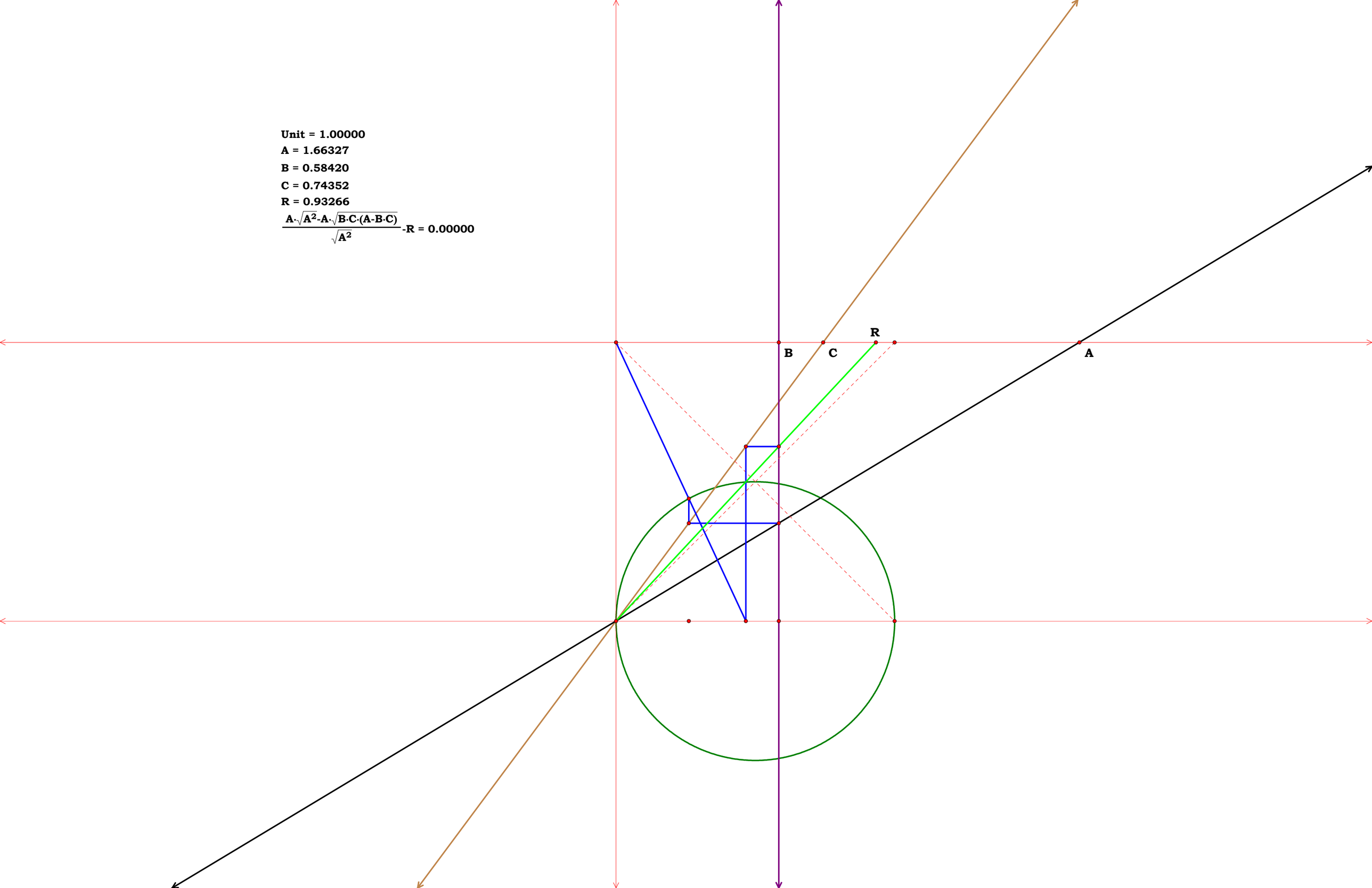
A = 1.66327

B = 0.58420

C = 0.74352

R = 0.93266

$$\frac{A\cdot\sqrt{A^2}-A\cdot\sqrt{B\cdot C\cdot(A-B\cdot C)}}{\sqrt{A^2}}-R = 0.00000$$



Unit = 1.00000

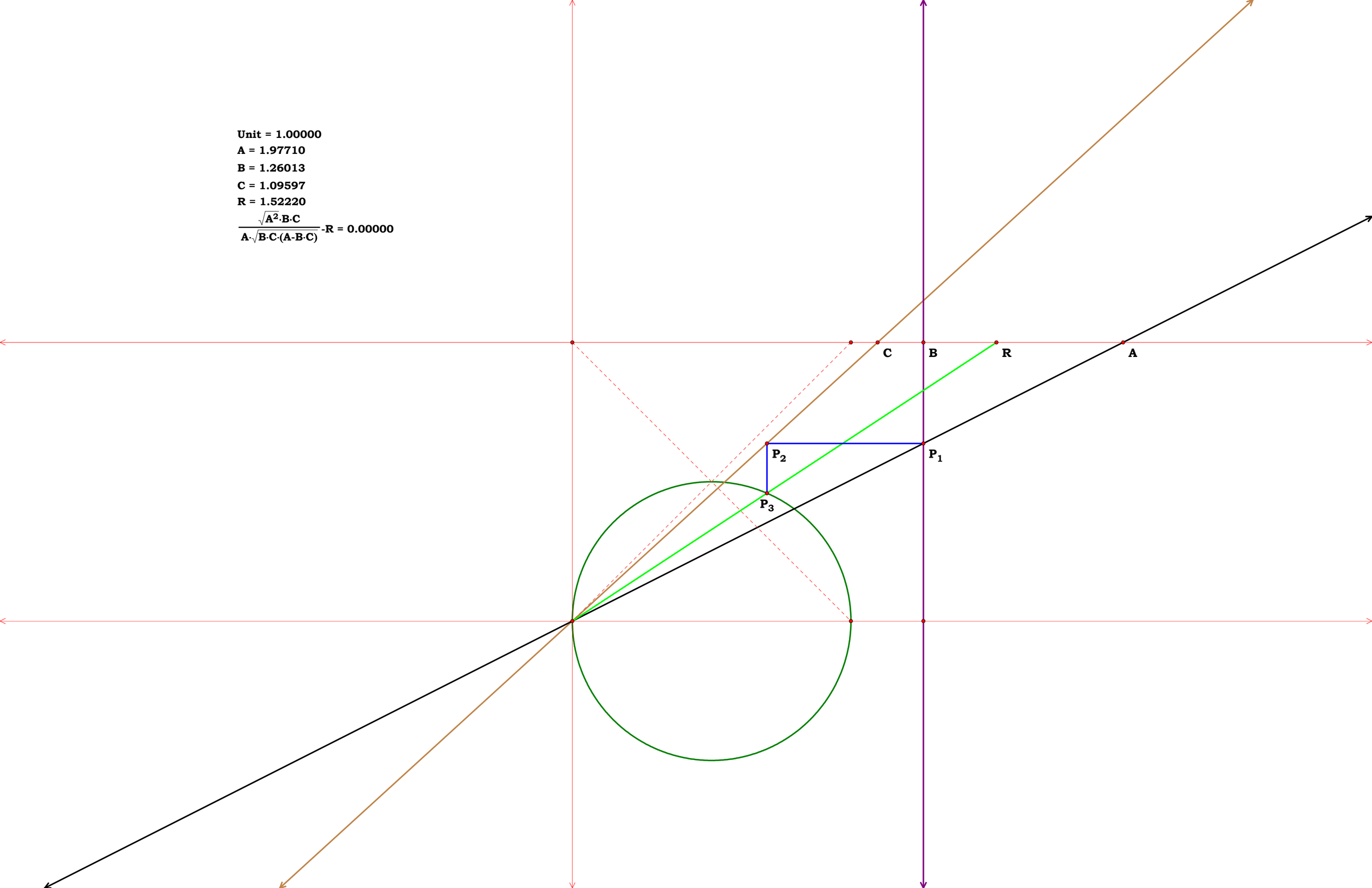
A = 1.97710

B = 1.26013

C = 1.09597

R = 1.52220

$$\frac{\sqrt{A^2 \cdot B \cdot C}}{A \cdot \sqrt{B \cdot C \cdot (A - B \cdot C)}} - R = 0.00000$$



Unit = 1.00000

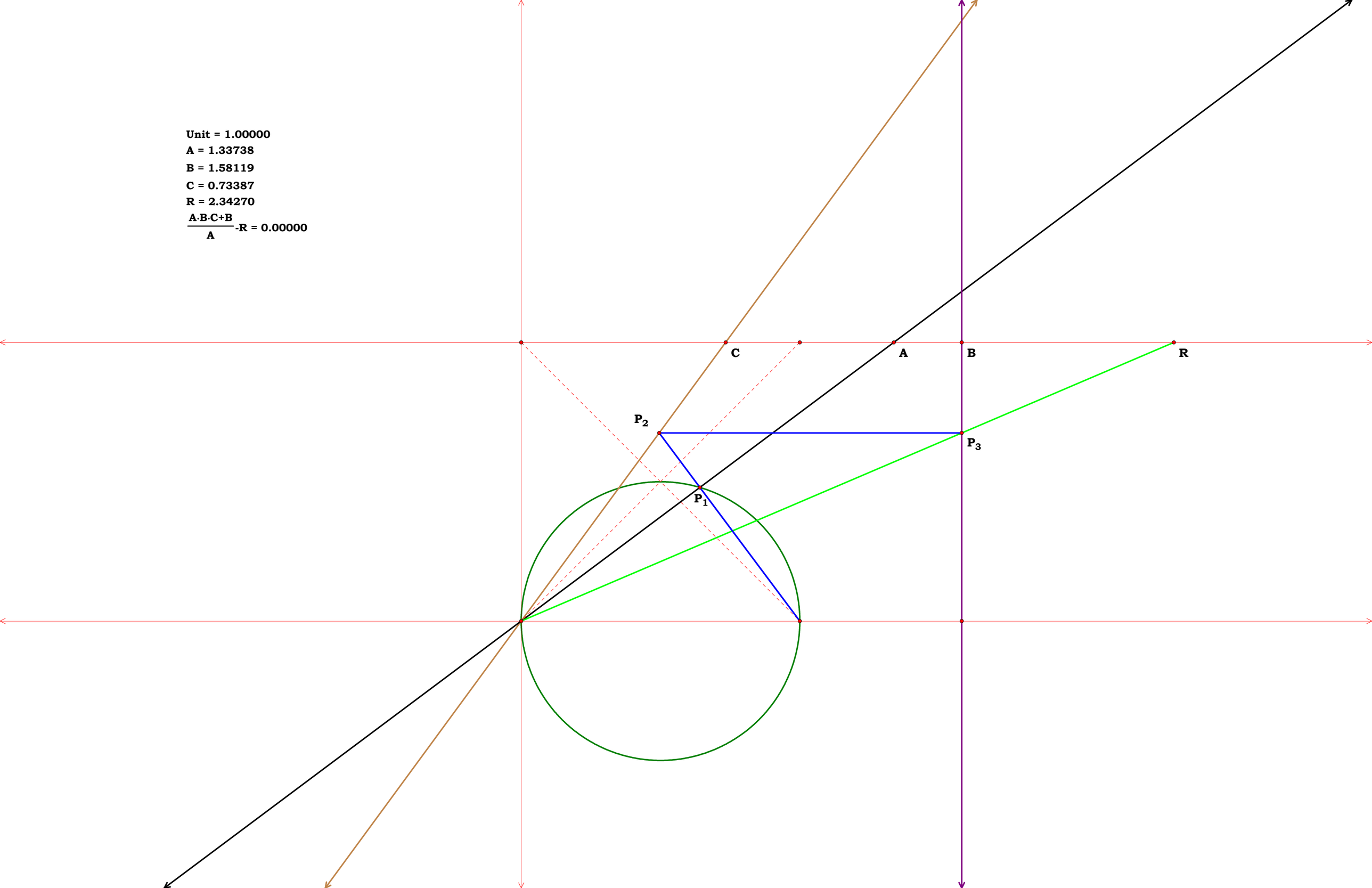
A = 1.33738

B = 1.58119

C = 0.73387

R = 2.34270

$\frac{A \cdot B \cdot C + B}{A} - R = 0.00000$



Unit = 1.00000

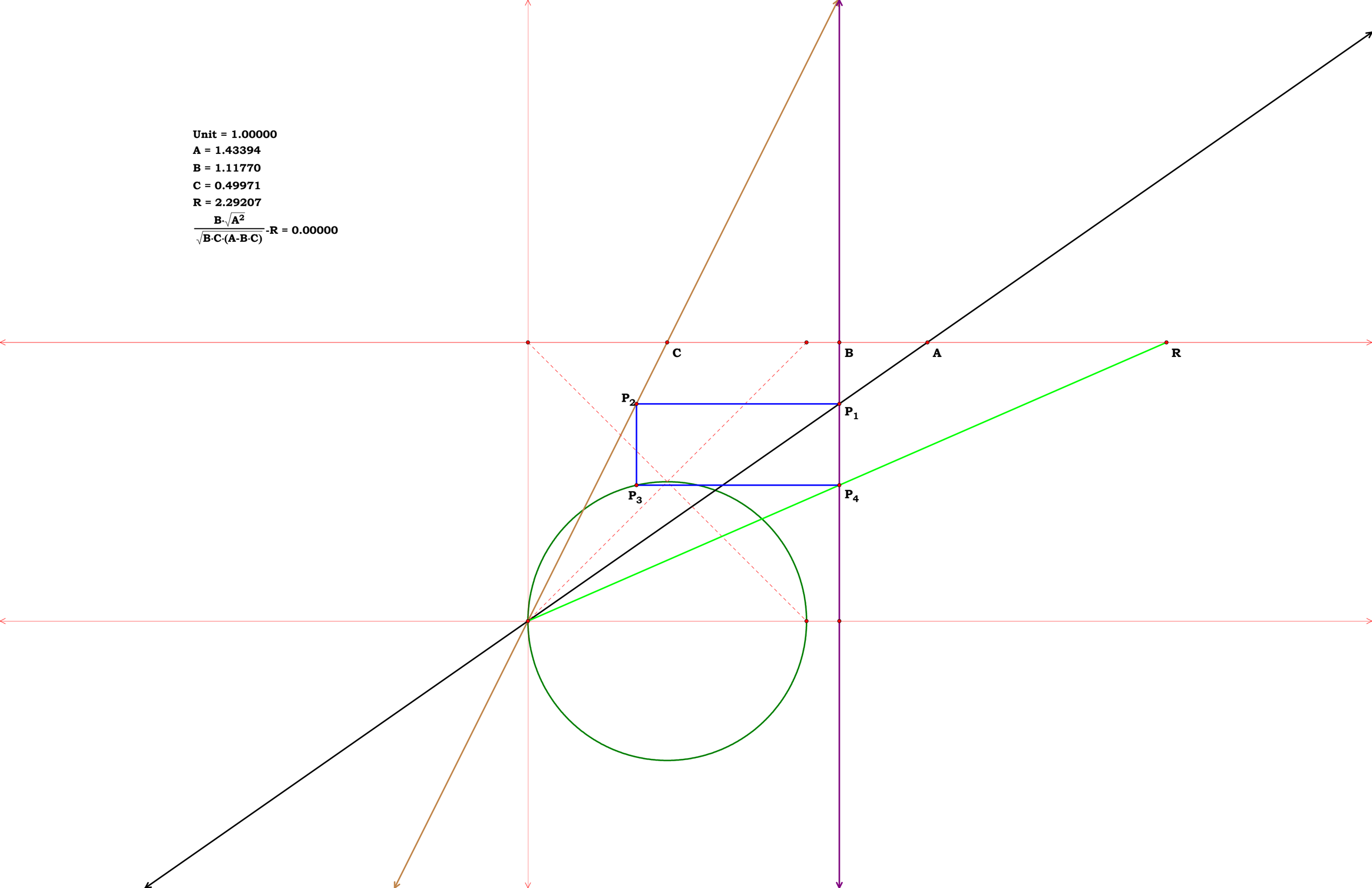
A = 1.43394

B = 1.11770

C = 0.49971

R = 2.29207

$$\frac{B\cdot\sqrt{A^2}}{\sqrt{B\cdot C\cdot(A-B\cdot C)}}-R = 0.00000$$



Unit = 1.00000

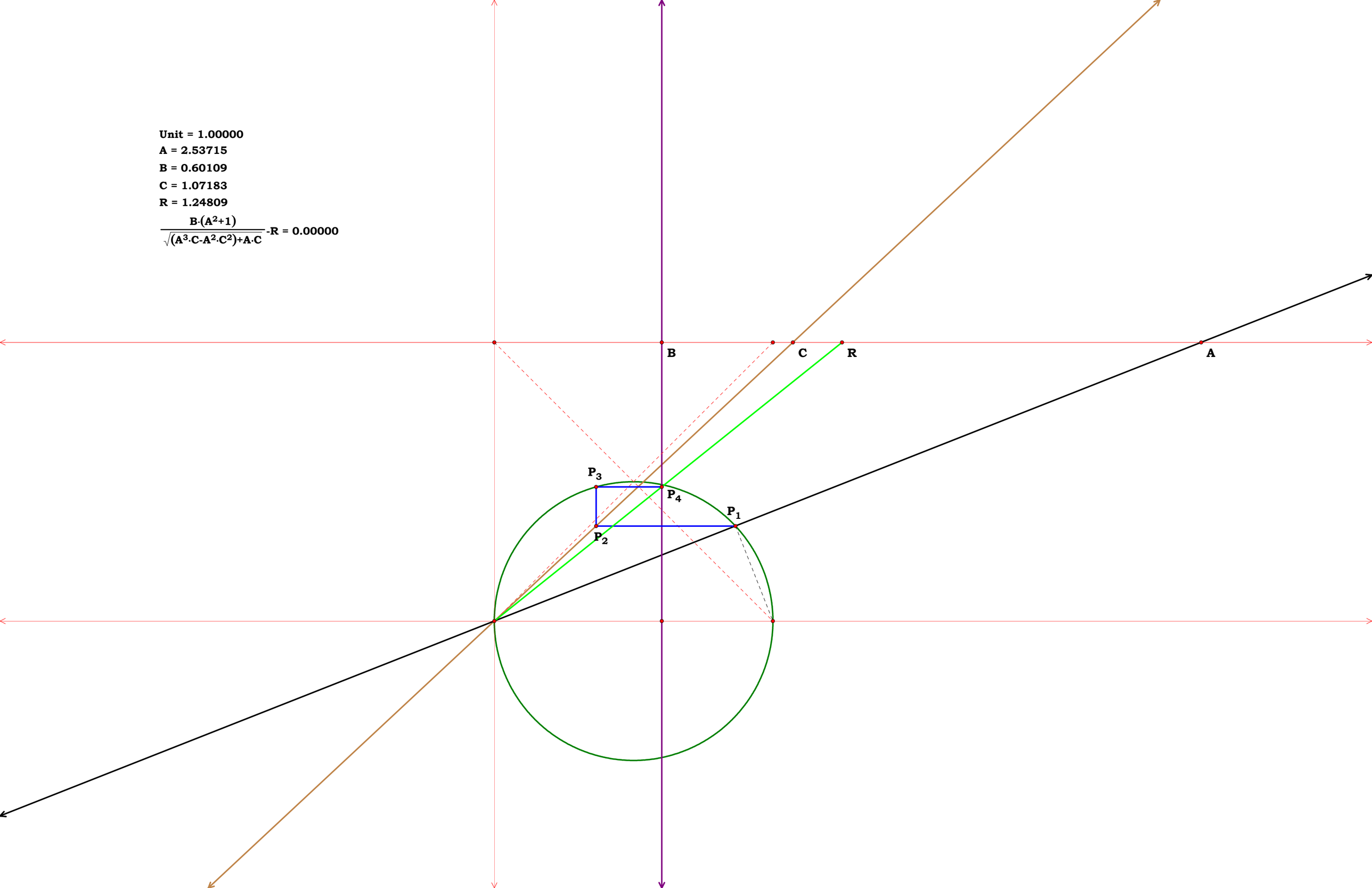
A = 2.53715

B = 0.60109

C = 1.07183

R = 1.24809

$$\frac{B\cdot(A^2+1)}{\sqrt{(A^3\cdot C-A^2\cdot C^2)+A\cdot C}}-R = 0.00000$$



Unit = 1.00000

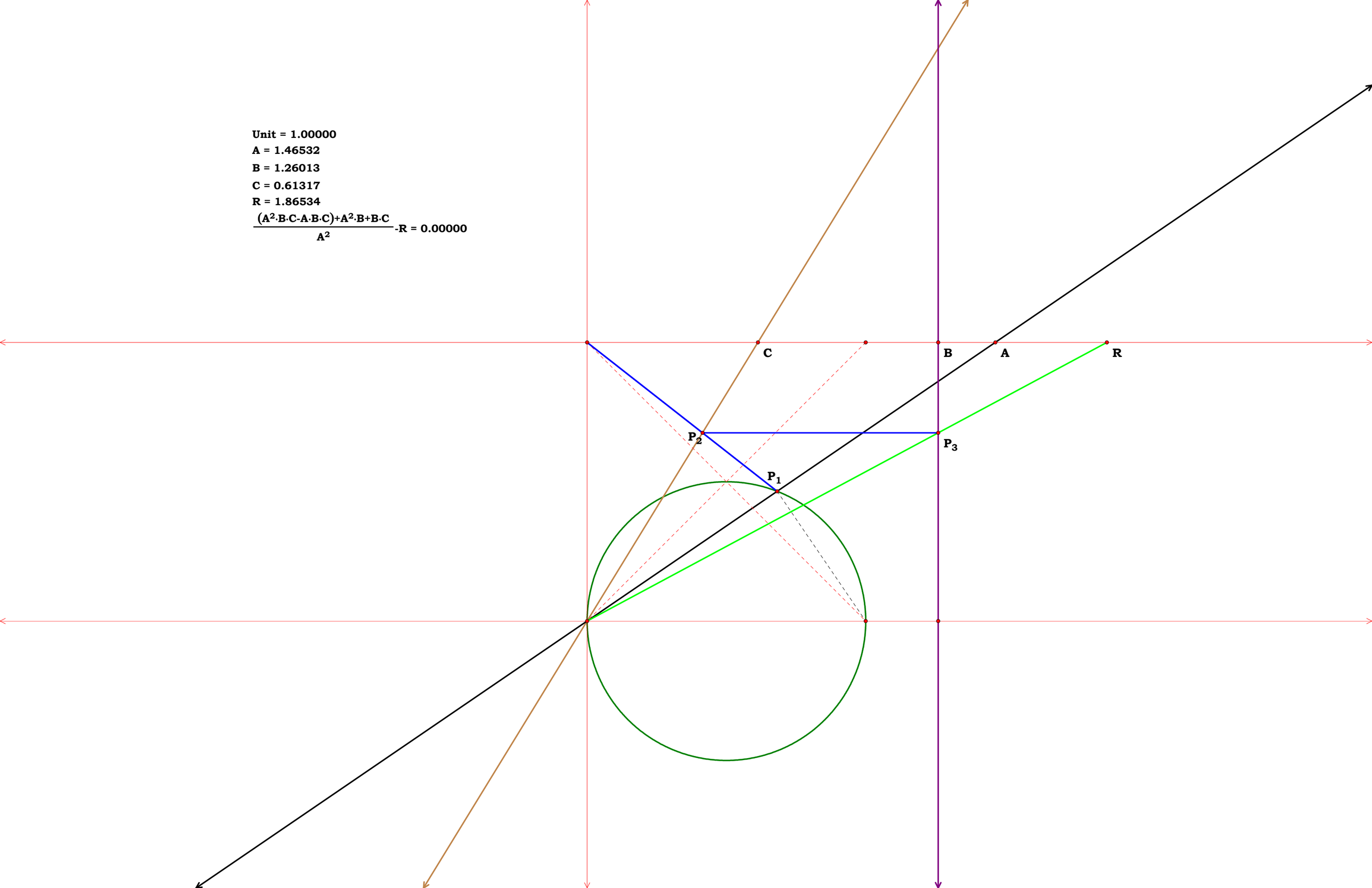
A = 1.46532

B = 1.26013

C = 0.61317

R = 1.86534

$$\frac{(A^2 \cdot B \cdot C - A \cdot B \cdot C) + A^2 \cdot B + B \cdot C}{A^2} - R = 0.00000$$



Unit = 1.00000

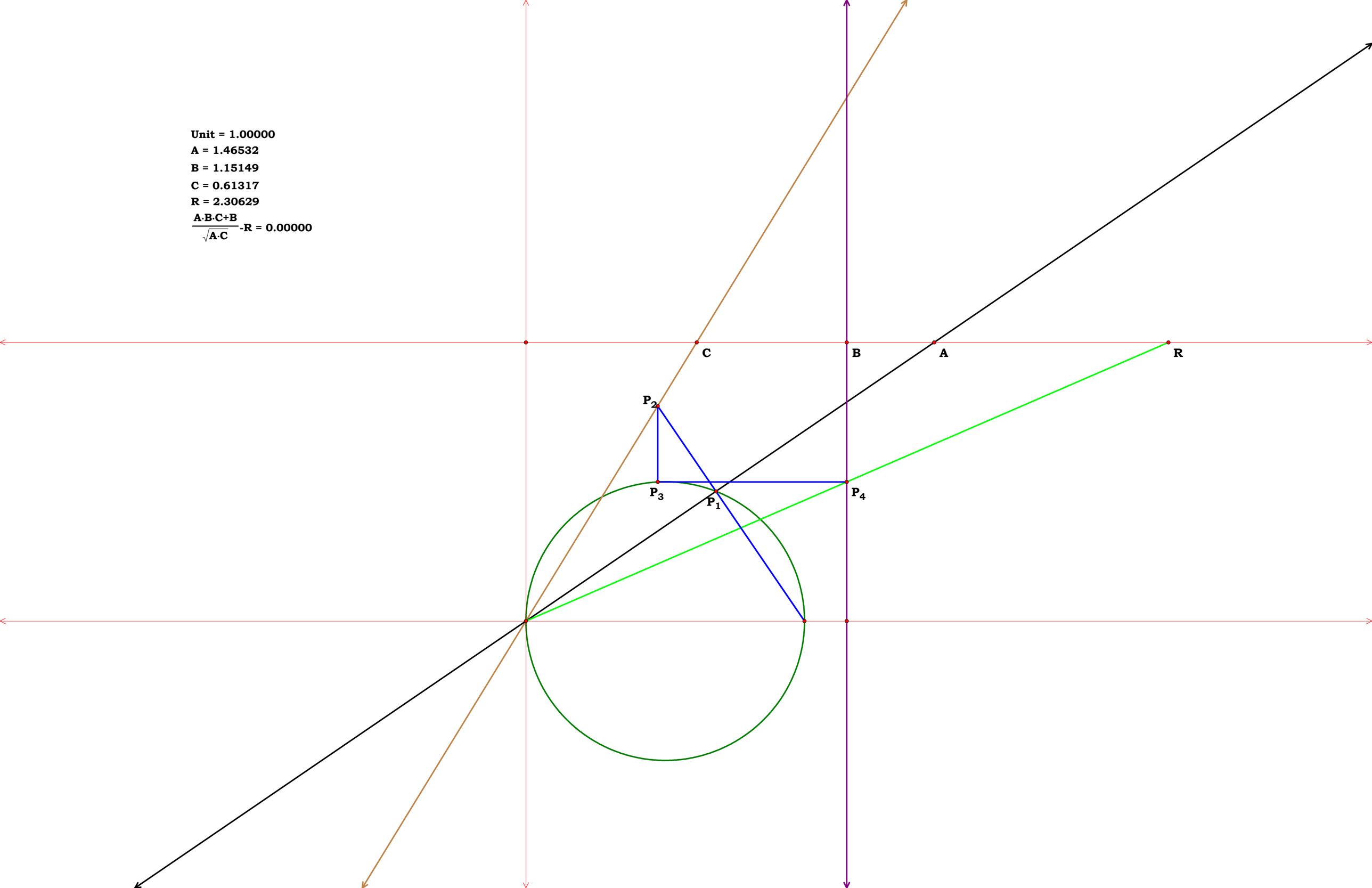
A = 1.46532

B = 1.15149

C = 0.61317

R = 2.30629

$\frac{A \cdot B \cdot C + B}{\sqrt{A \cdot C}} - R = 0.00000$



Unit = 1.00000

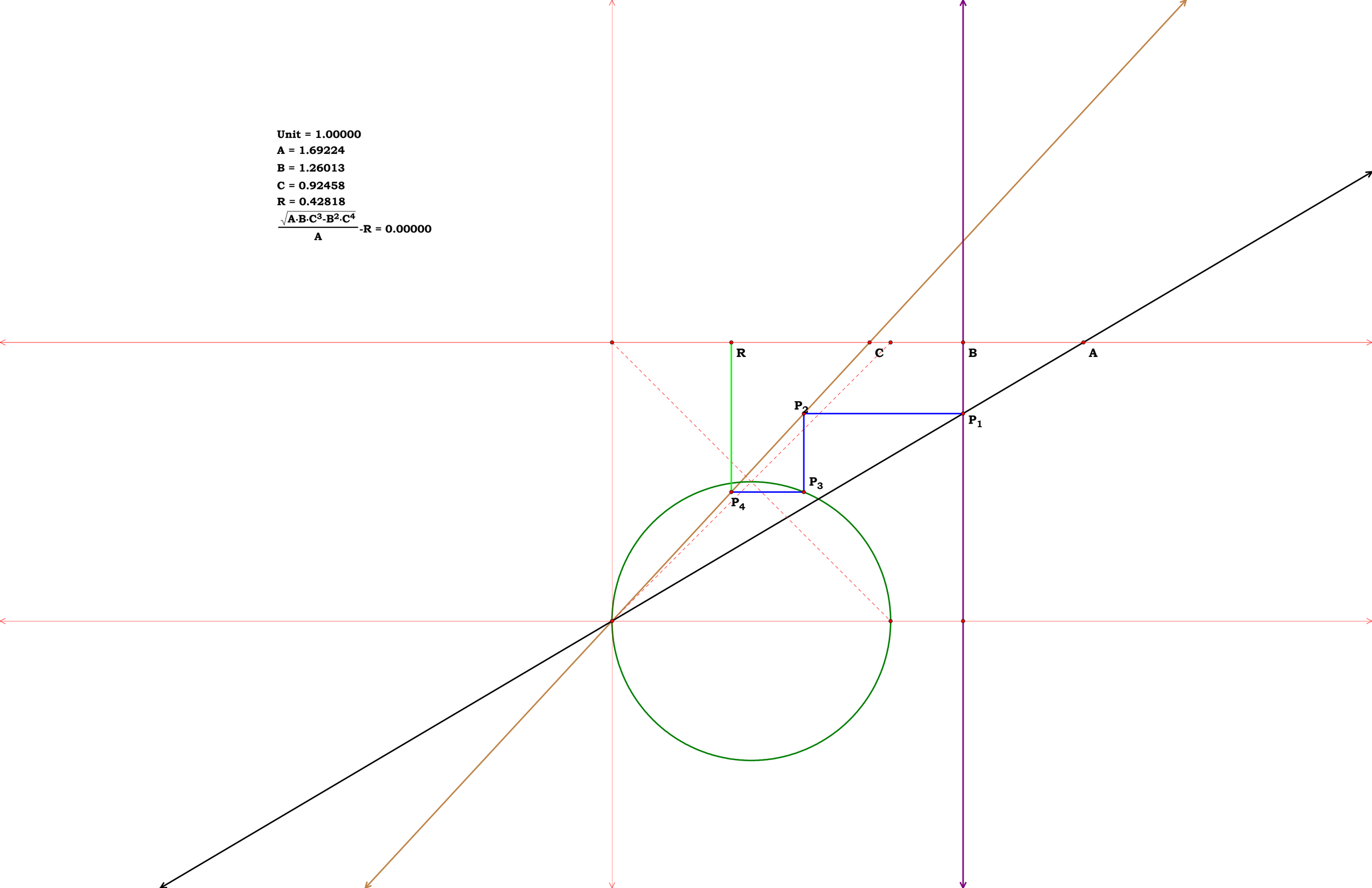
A = 1.69224

B = 1.26013

C = 0.92458

R = 0.42818

$$\frac{\sqrt{A \cdot B \cdot C^3 - B^2 \cdot C^4}}{A} - R = 0.00000$$



Unit = 1.00000

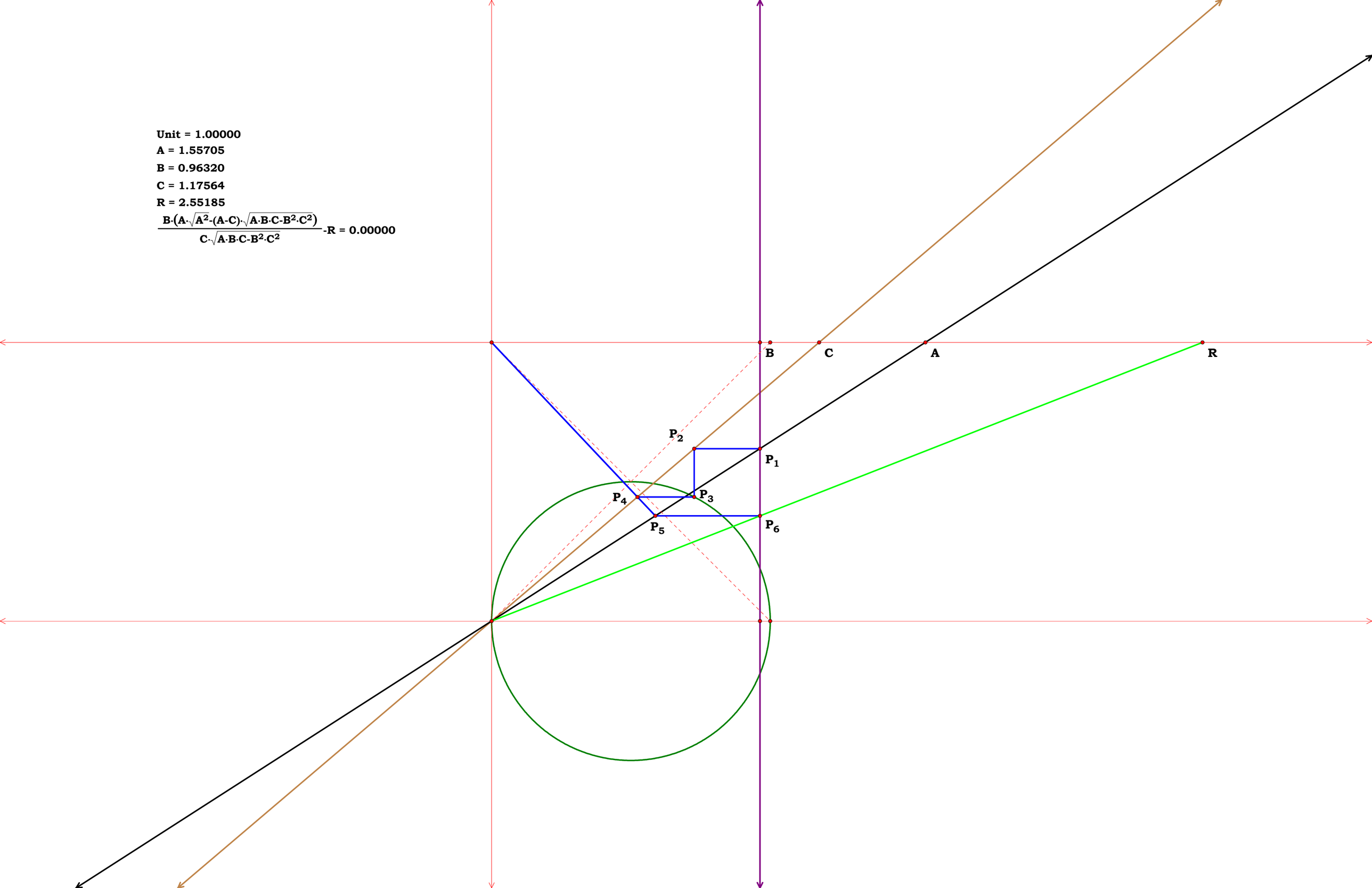
A = 1.55705

B = 0.96320

C = 1.17564

R = 2.55185

$$\frac{B\cdot\left(A\cdot\sqrt{A^2}-(A-C)\cdot\sqrt{A\cdot B\cdot C-B^2\cdot C^2}\right)}{C\cdot\sqrt{A\cdot B\cdot C-B^2\cdot C^2}}-R = 0.00000$$



Unit = 1.00000

A = 1.93123

B = 1.05735

C = 0.66145

D = 0.80870

R = 0.42938

$$\frac{D\cdot\left(\sqrt{(D\cdot((A\cdot B+A\cdot C)-B\cdot C)-2\cdot A\cdot B\cdot C)\cdot(2\cdot A\cdot B\cdot C-3\cdot D\cdot((A\cdot B+A\cdot C)-B\cdot C))}-\sqrt{D^2}\cdot\sqrt{(A\cdot(B+C)-B\cdot C)^2}\right)\cdot((A\cdot B+A\cdot C)-B\cdot C)}{2\cdot\sqrt{D^2}\cdot\sqrt{(A\cdot(B+C)-B\cdot C)^2}\cdot((A\cdot B\cdot C-A\cdot B\cdot D-A\cdot C\cdot D)+B\cdot C\cdot D)}-R = 0.00000$$

R C D B A

Unit = 1.00000

A = 1.46532

B = 1.26013

C = 0.86422

D = 0.94630

R = 0.22554

$$\frac{A\cdot D\cdot\left(\sqrt{(A\cdot D)^2}-\sqrt{(A\cdot D-2\cdot B\cdot C)\cdot(2\cdot B\cdot C-3\cdot A\cdot D)}\right)}{2\cdot(A\cdot D-B\cdot C)\cdot\sqrt{(A\cdot D)^2}}-R = 0.00000$$

R

C

D

B

A

P_2

P_1

P_4

P_3

Unit = 1.00000

A = 1.16115

B = 0.71938

C = 1.58844

D = 1.24806

R = 1.83968

EN = 0.45307

$$EN-\frac{\sqrt{(A\cdot D-2\cdot B\cdot C)\cdot(2\cdot B\cdot C-3\cdot A\cdot D)}}{2\cdot\sqrt{(A\cdot D)^2}} = 0.00000$$

$$\frac{\sqrt{(A\cdot D-2\cdot B\cdot C)\cdot(2\cdot B\cdot C-3\cdot A\cdot D)}}{2\cdot\sqrt{(A\cdot D)^2}} = 0.45307$$

$$\frac{\left(\sqrt{\sqrt{A^2}\cdot B\cdot\sqrt{(((A-2\cdot EN\cdot A)+2\cdot A\cdot D)-2\cdot B\cdot C)^2}}\right)}{\left(\sqrt{A^2}\cdot\sqrt{D\cdot(2\cdot EN-1)\cdot(2\cdot B\cdot C-A\cdot D-A-2\cdot EN\cdot A\cdot(D-1))}\right)}-R = 0.00000$$

very close but not perfect. Something to work on.

B

A

D

C

R

Unit = 1.00000

A = 1.74776

B = 1.26013

C = 0.82801

D = 0.81836

R = 0.36932

$$\frac{C\cdot(D\cdot((A\cdot B+A\cdot C)-B\cdot C)-A\cdot B\cdot C)}{D\cdot((A\cdot B+A\cdot C)-B\cdot C)} = 0.12003$$

BF = 0.12003

$$\frac{BF}{\sqrt{BF\cdot(1-BF)}}-R = 0.00000$$

R

D

B

A

Unit = 1.00000

A = 1.26978

B = 0.94872

C = 0.75801

D = 0.87388

R = 2.36532

$$\frac{A\cdot D\cdot\left(\sqrt{(A\cdot D)^2}-\sqrt{(A\cdot D-2\cdot B\cdot C)\cdot(2\cdot B\cdot C-3\cdot A\cdot D)}\right)}{\left(A\cdot\sqrt{(A\cdot D)^2}-A\cdot\sqrt{(A\cdot D-2\cdot B\cdot C)\cdot(2\cdot B\cdot C-3\cdot A\cdot D)}\right)+2\cdot\sqrt{(A\cdot D)^2}\cdot(A\cdot D-B\cdot C)} = 0.27977$$

BH = 0.27977

$$\frac{B\cdot\left((BH+C)-C\cdot\sqrt{BH\cdot(1-BH)}\right)}{BH}-R = 0.00000$$

a = 0.27977

$$\frac{B\cdot\left((a+C)-C\cdot\sqrt{a\cdot(1-a)}\right)}{a}-R = 0.00000$$

a

C D B A R

P_1 P_2 P_3 P_4 P_5 P_6 P_7 P_8

Unit = 1.00000
A = 1.46532
B = 1.22633
C = 1.09597
D = 1.69707
R = 2.83077

$$\frac{B\cdot C\cdot\left(\left(\sqrt{(A\cdot D)^2}\cdot\sqrt{(2\cdot B\cdot C-3\cdot A\cdot D)\cdot(A\cdot D-2\cdot B\cdot C)}-(A\cdot D)^2\cdot(2\cdot D+1)\right)+\left(2\cdot A\cdot B\cdot C\cdot D^2\right)\right)}{D\cdot\sqrt{(A\cdot D)^2}\cdot\left(\sqrt{(2\cdot B\cdot C-3\cdot A\cdot D)\cdot(A\cdot D-2\cdot B\cdot C)}-\sqrt{(A\cdot D)^2}\right)}-R = 0.00000$$

C
B
A
D
R
P_1
P_2
P_3
P_4
P_5
P_6
P_7

Unit = 1.00000

A = 2.48887

B = 0.76284

C = 1.66086

D = 0.89319

R = 1.24933

$$\frac{B\cdot\left(\left(A\cdot\sqrt{(A\cdot D)^2}-A\cdot\sqrt{(A\cdot D-2\cdot B\cdot C)\cdot(2\cdot B\cdot C-3\cdot A\cdot D)}\right)+2\cdot\sqrt{(A\cdot D)^2}\cdot(A\cdot D-B\cdot C)\right)}{2\cdot\sqrt{(A\cdot D)^2}\cdot(A\cdot D-B\cdot C)}-R = 0.00000$$

B

D

R

C

A

P_5

P_6

P_4

P_3

P_2

P_1

Unit = 1.00000
A = 1.46532
B = 1.05252
C = 0.73628
D = 0.88112
R = 2.00177

$$\frac{A\cdot D\cdot\left(\sqrt{(A\cdot D)^2}+\sqrt{(A\cdot D-2\cdot B\cdot C)\cdot(2\cdot B\cdot C-3\cdot A\cdot D)}\right)}{2\cdot(A\cdot D-B\cdot C)\cdot\sqrt{(A\cdot D)^2}}-R = 0.00000$$

C D B A R

P_2 P_1 P_4 P_3

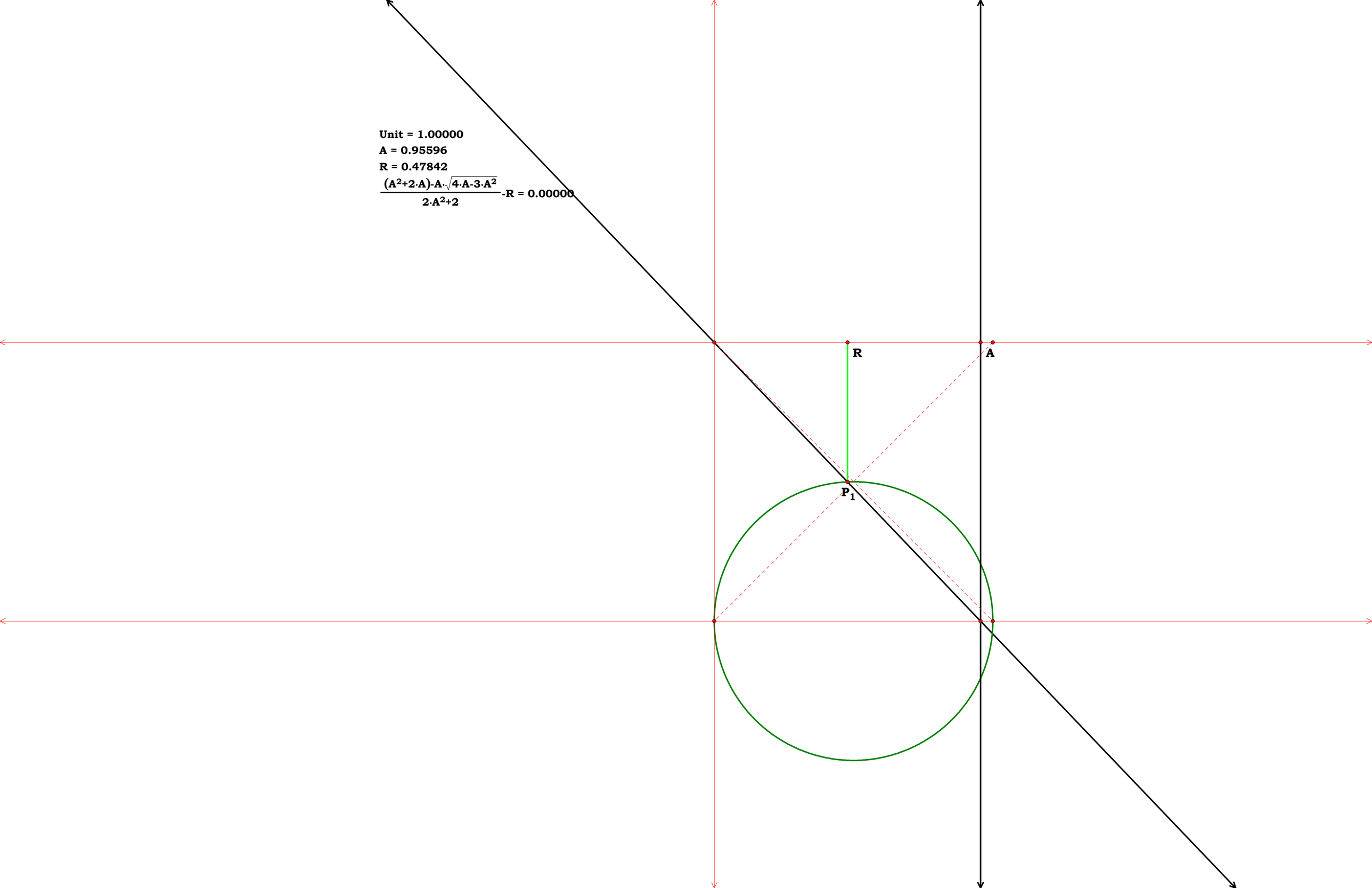
Unit = 1.00000
A = 1.46532
B = 0.92216
C = 0.76007
D = 1.85639
R = 1.21908
$\frac{B\cdot D\cdot(C\cdot((A^2-A)+1)+A^2)}{(A^2\cdot((D-C)+C\cdot D)-A\cdot C\cdot D)+C\cdot D} - R = 0.00000$

C
B
R
A
D
P_3
P_4
P_2
P_1

Unit = 1.00000
A = 1.61258
B = 0.80146
C = 1.26254
D = 1.11287
R = 2.28727
((A·B·D-2·A·B·C)+A·C·D)-B·C·D = -0.68551
(2·A·B·C-3·A·B·D-3·A·C·D)+3·B·C·D = -4.47038
$\sqrt{D^2}$ = 1.11287
$\sqrt{((A\cdot B+A\cdot C)-B\cdot C)^2}$ = 2.31648
(A·B+A·C)-B·C = 2.31648
A·((B·D-B·C)+C·D)-B·C·D = 0.94622

$$\frac{D\cdot\left(\sqrt{(((A\cdot B\cdot D-2\cdot A\cdot B\cdot C)+A\cdot C\cdot D)-B\cdot C\cdot D)\cdot((2\cdot A\cdot B\cdot C-3\cdot A\cdot B\cdot D-3\cdot A\cdot C\cdot D)+3\cdot B\cdot C\cdot D)}+\sqrt{D^2}\cdot\sqrt{((A\cdot B+A\cdot C)-B\cdot C)^2}\right)\cdot((A\cdot B+A\cdot C)-B\cdot C)}{2\cdot\sqrt{D^2}\cdot\sqrt{((A\cdot B+A\cdot C)-B\cdot C)^2}\cdot(A\cdot((B\cdot D-B\cdot C)+C\cdot D)-B\cdot C\cdot D)}-R = 0.00000$$

B
D
C
A
R
P_2
P_1
P_3
P_4

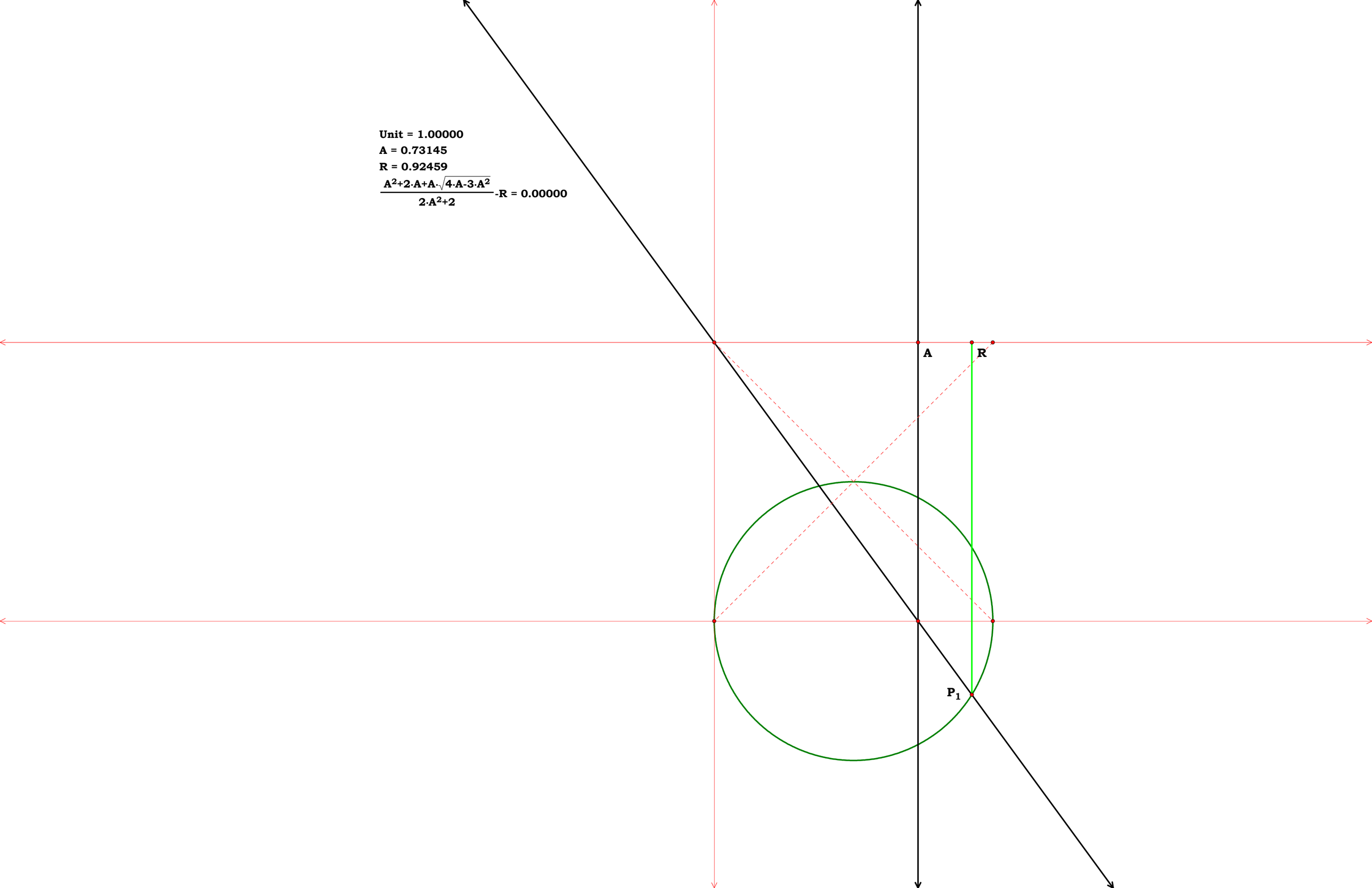

Unit = 1.00000
A = 0.95596
R = 0.47842
$\frac{(A^2+2\cdot A)-A\cdot\sqrt{4\cdot A-3\cdot A^2}}{2\cdot A^2+2}$-R = 0.00000
R
A
P_1

Unit = 1.00000

A = 0.73145

R = 0.92459

$$\frac{A^2+2\cdot A+A\cdot\sqrt{4\cdot A-3\cdot A^2}}{2\cdot A^2+2}-R = 0.00000$$



Unit = 1.00000

A = 1.24081

R = 1.35781

$$\frac{(A^2+2\cdot A)-A\cdot\sqrt{4\cdot A-3\cdot A^2}}{(2\cdot A^2-A)+\sqrt{4\cdot A-3\cdot A^2}}-R = 0.00000$$

A

R

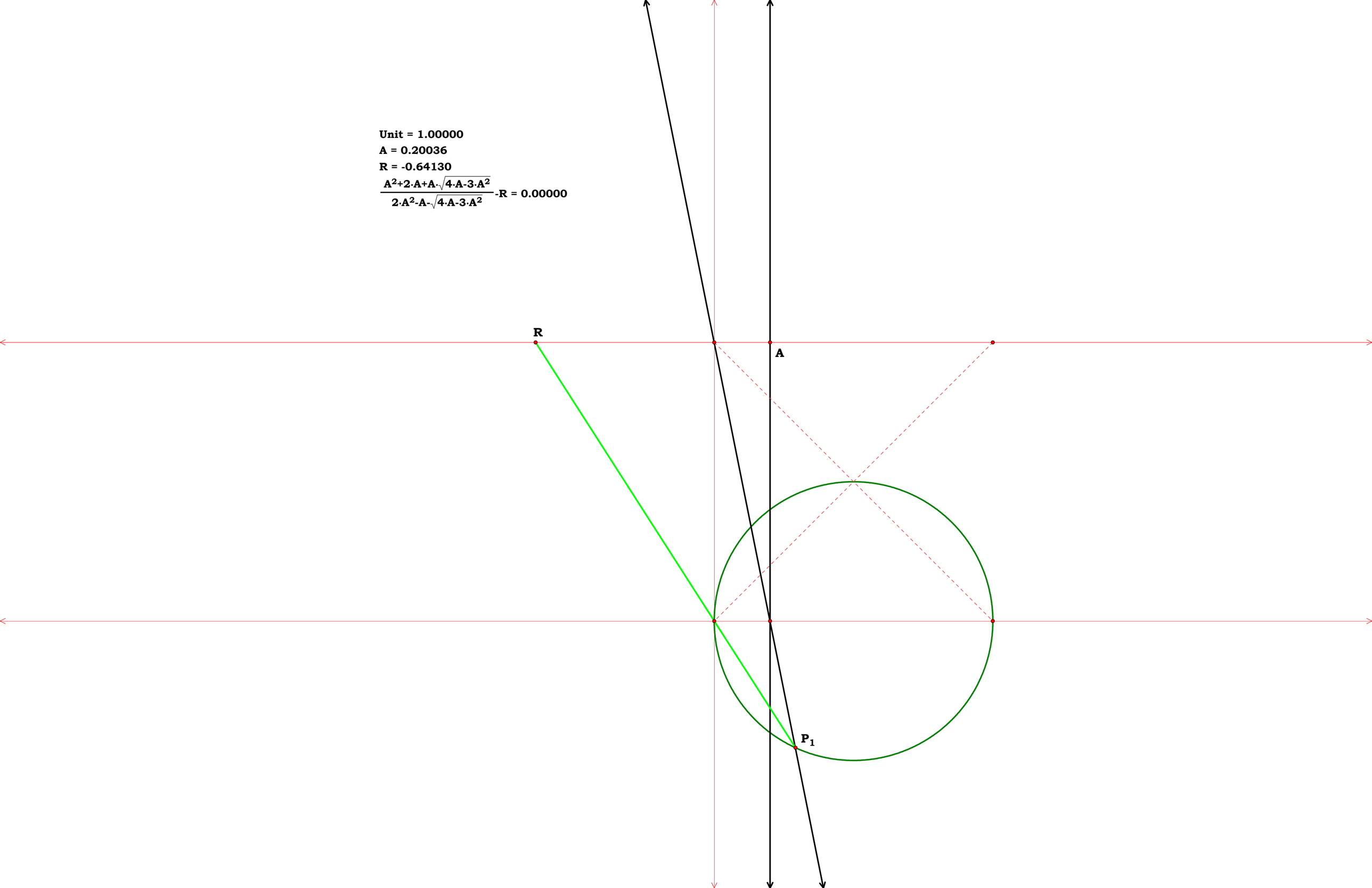
P_1

Unit = 1.00000

A = 0.20036

R = -0.64130

$$\frac{A^2+2\cdot A+A\cdot\sqrt{4\cdot A-3\cdot A^2}}{2\cdot A^2-A-\sqrt{4\cdot A-3\cdot A^2}}-R = 0.00000$$

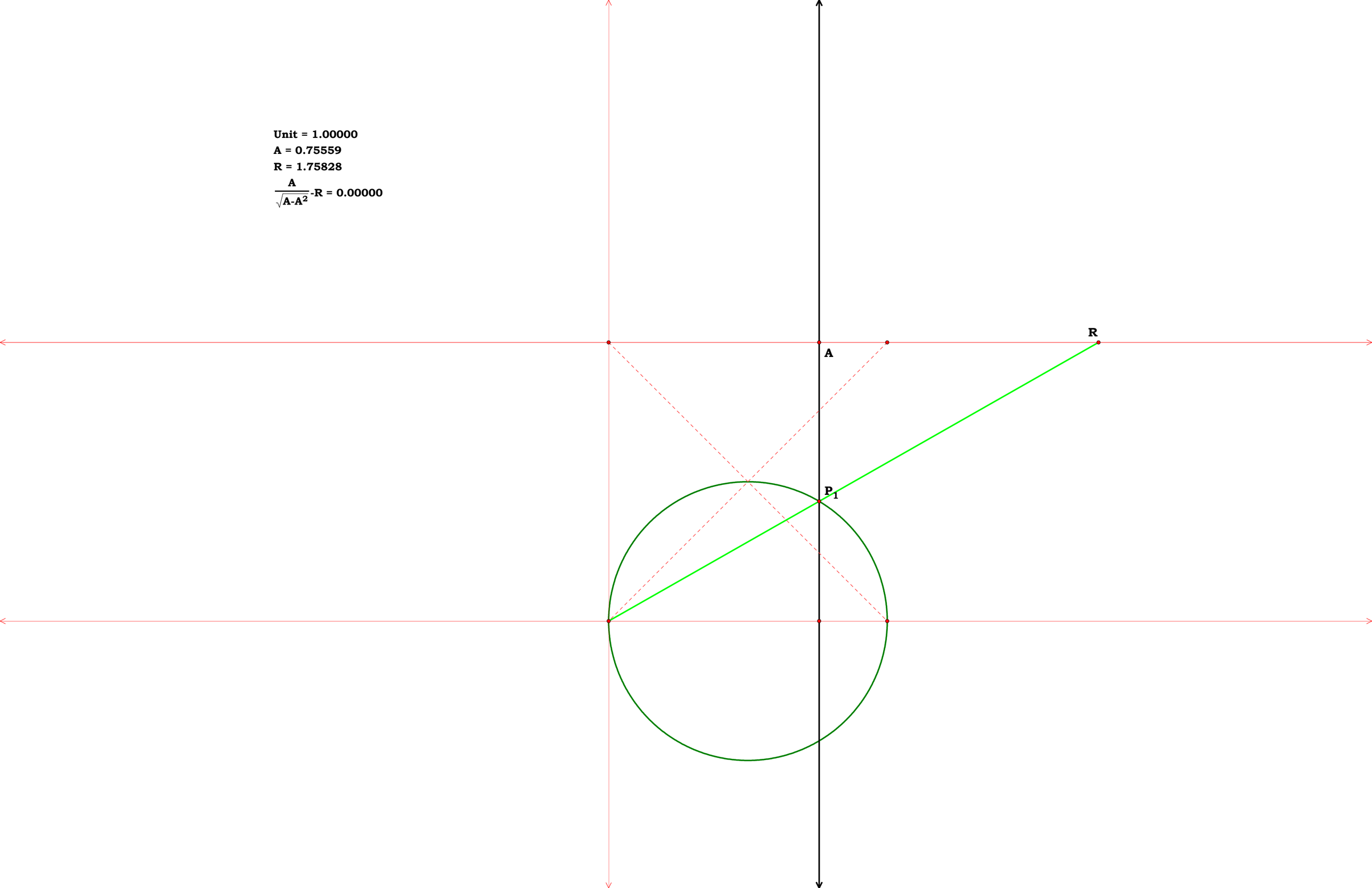


Unit = 1.00000

A = 0.75559

R = 1.75828

$$\frac{A}{\sqrt{A-A^2}}-R = 0.00000$$

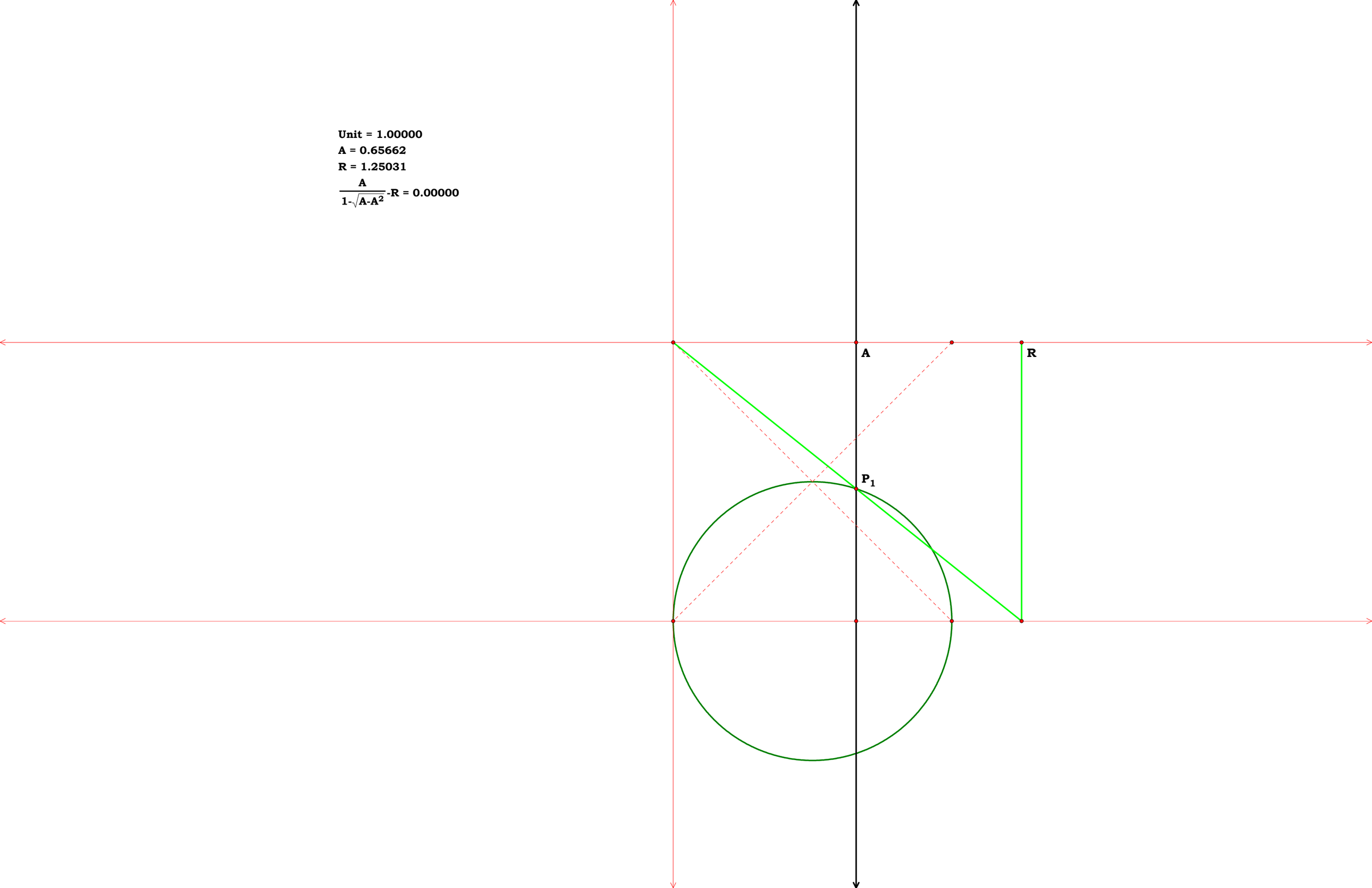


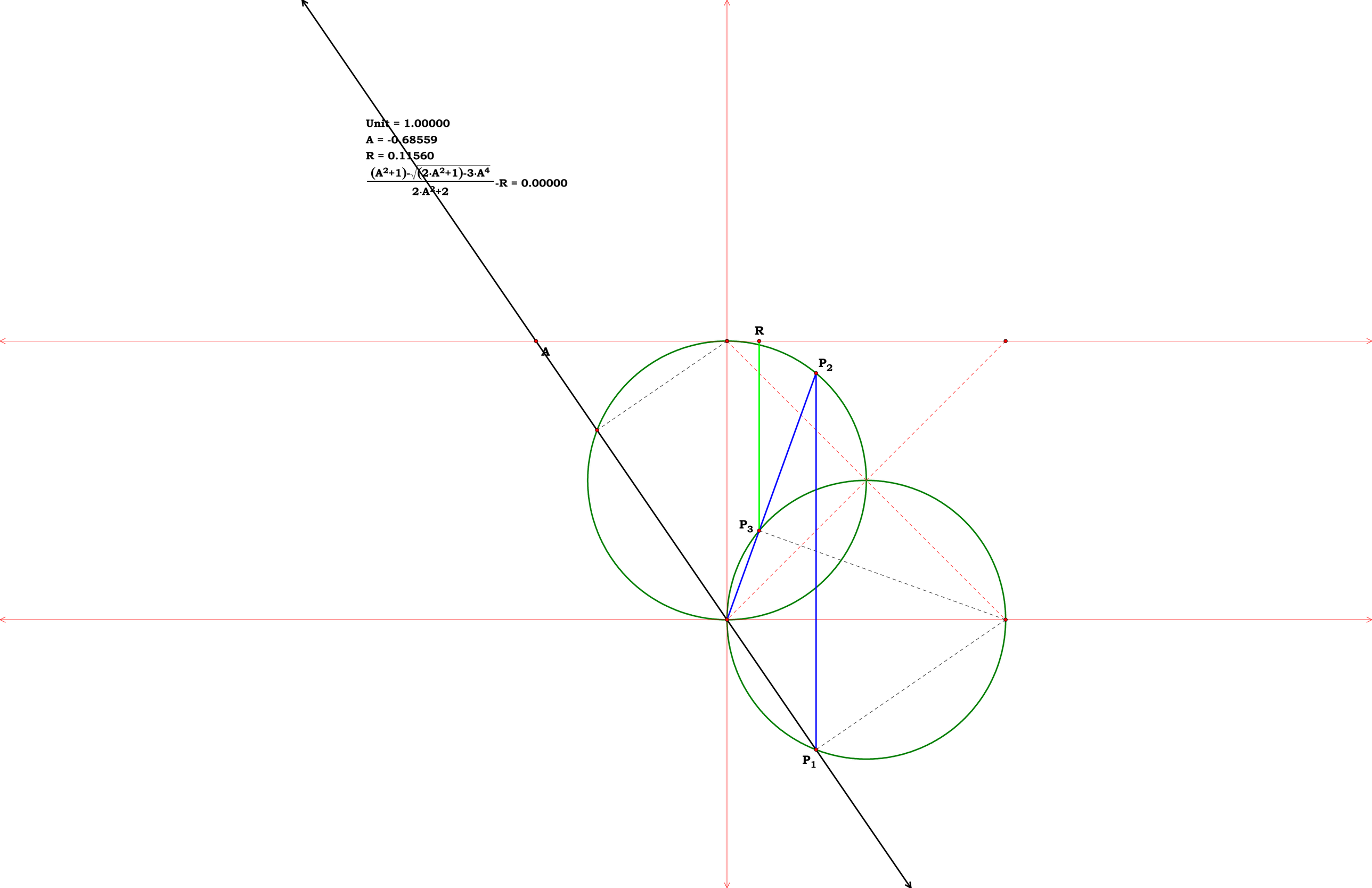
Unit = 1.00000

A = 0.65662

R = 1.25031

$$\frac{A}{1-\sqrt{A-A^2}}-R = 0.00000$$




Unit = 1.00000
A = -0.68559
R = 0.11560
$\frac{(A^2+1)-\sqrt{(2\cdot A^2+1)-3\cdot A^4}}{2\cdot A^2+2}$-R = 0.00000
A
R
P_2
P_3
P_1

Unit = 1.00000

A = -0.83284

R = 0.52051

$$\frac{(A^2+1)-\sqrt{(2\cdot A^2+1)-3\cdot A^4}}{2\cdot A^2}-R = 0.00000$$

A

R

P_2

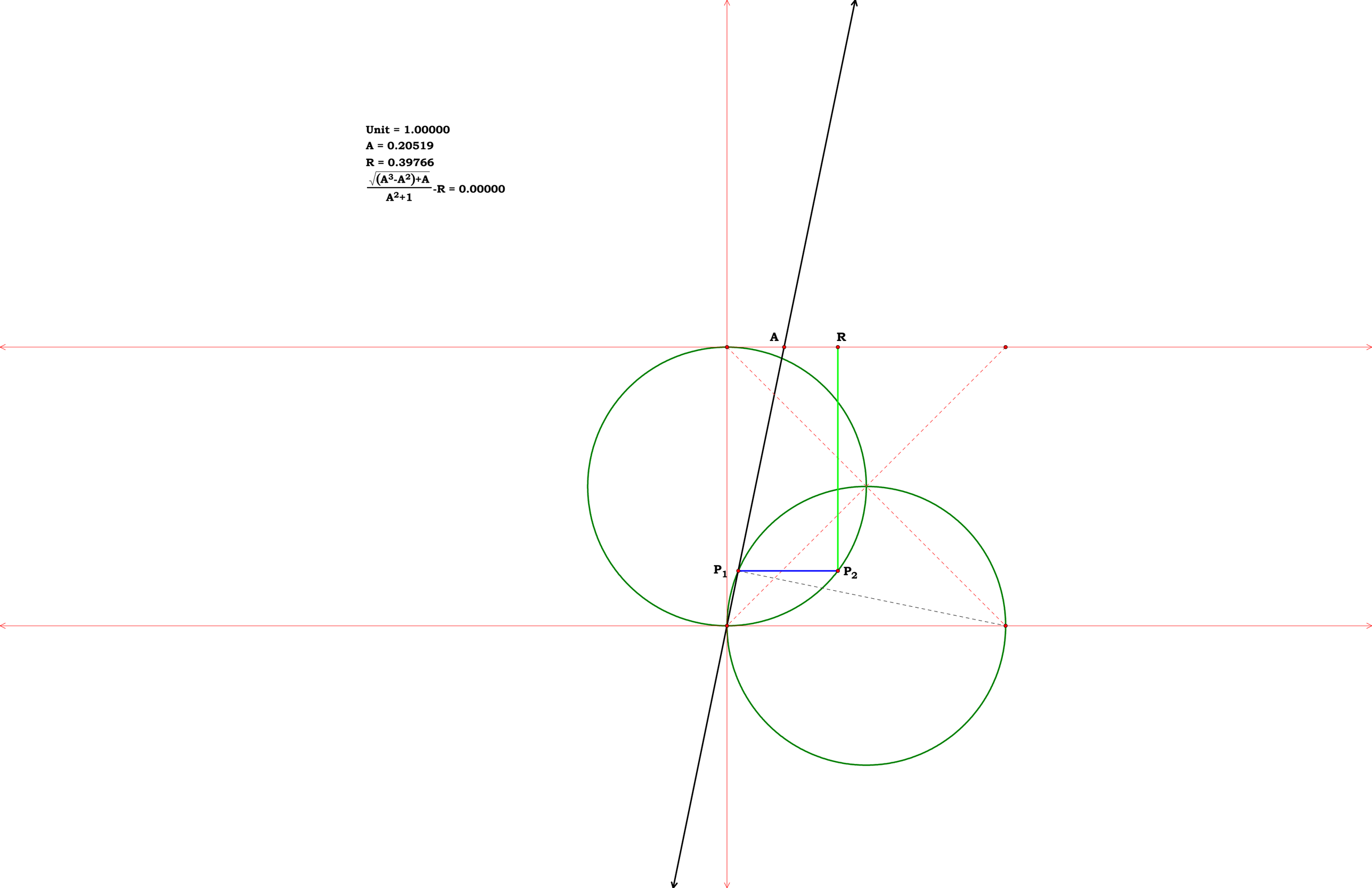
P_1

Unit = 1.00000

A = 0.20519

R = 0.39766

$$\frac{\sqrt{(A^3-A^2)+A}}{A^2+1}-R = 0.00000$$



Unit = 1.00000

A = -0.79905

R = 0.81329

$$\frac{A^2+1+\sqrt{(2\cdot A^2-3\cdot A^4)+1}}{2\cdot A^2+2}-R = 0.00000$$

A

R

P_3

P_2

P_1

Unit = 1.00000

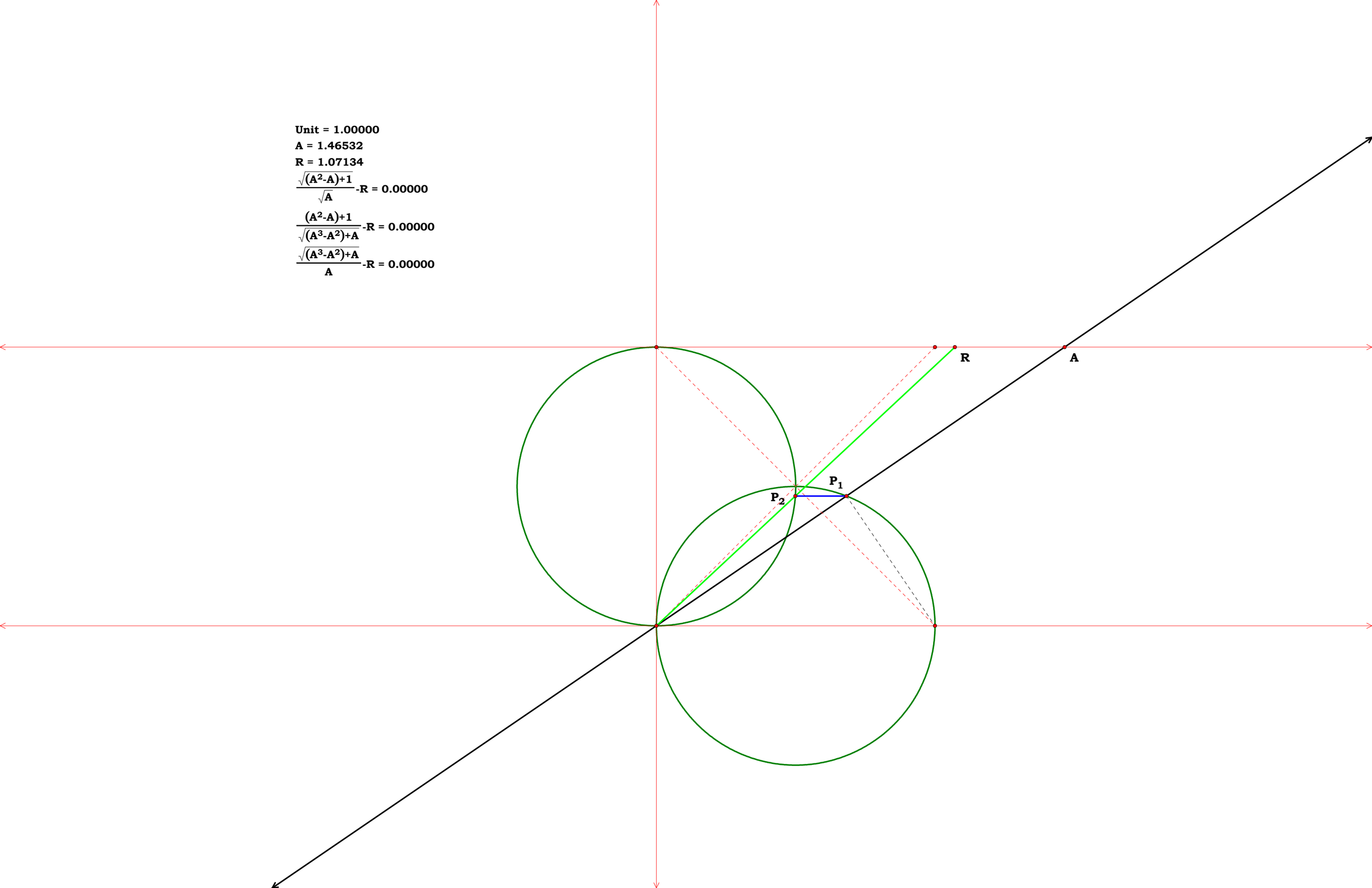
A = 1.46532

R = 1.07134

$\frac{\sqrt{(A^2-A)+1}}{\sqrt{A}}-R = 0.00000$

$\frac{(A^2-A)+1}{\sqrt{(A^3-A^2)+A}}-R = 0.00000$

$\frac{\sqrt{(A^3-A^2)+A}}{A}-R = 0.00000$



Unit = 1.00000

A = -0.85940

R = 1.79772

$$\frac{2\cdot A^2}{(A^2+1)-\sqrt{(2\cdot A^2+1)-3\cdot A^4}}-R = 0.00000$$

A

R

P_2

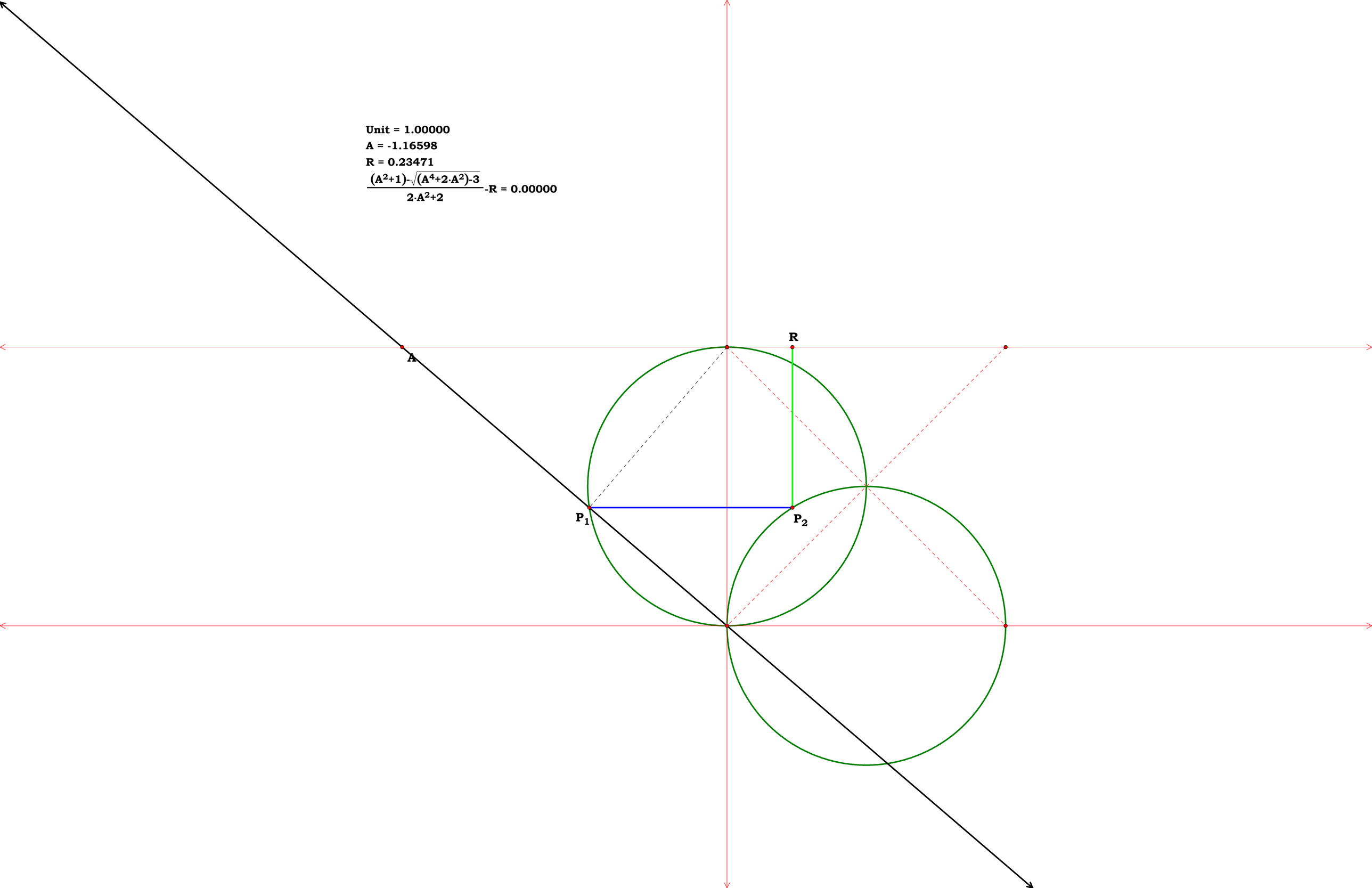
P_1

Unit = 1.00000

A = -1.16598

R = 0.23471

$$\frac{(A^2+1)-\sqrt{(A^4+2\cdot A^2)-3}}{2\cdot A^2+2}-R = 0.00000$$



Unit = 1.00000

A = -1.14425

R = 0.57739

$$\frac{(A^2+1)-\sqrt{(A^4+2\cdot A^2)-3}}{2}-R = 0.00000$$

A

R

P_1

P_2

Unit = 1.00000

A = -1.21185

R = 0.79309

$$\frac{A^2+1+\sqrt{(A^4+2\cdot A^2)-3}}{2\cdot A^2+2}-R = 0.00000$$

A

R

P_1

P_2

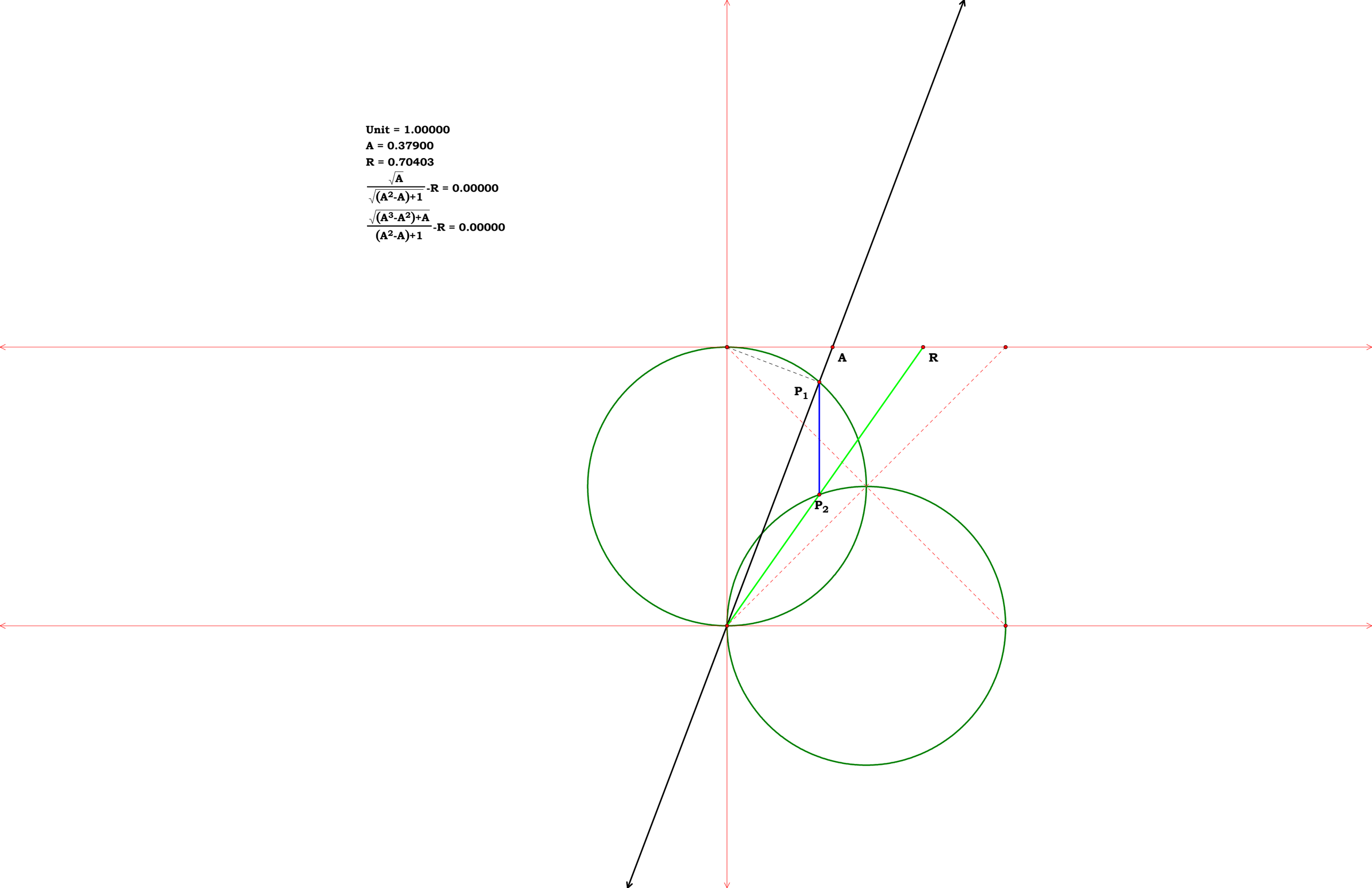
Unit = 1.00000

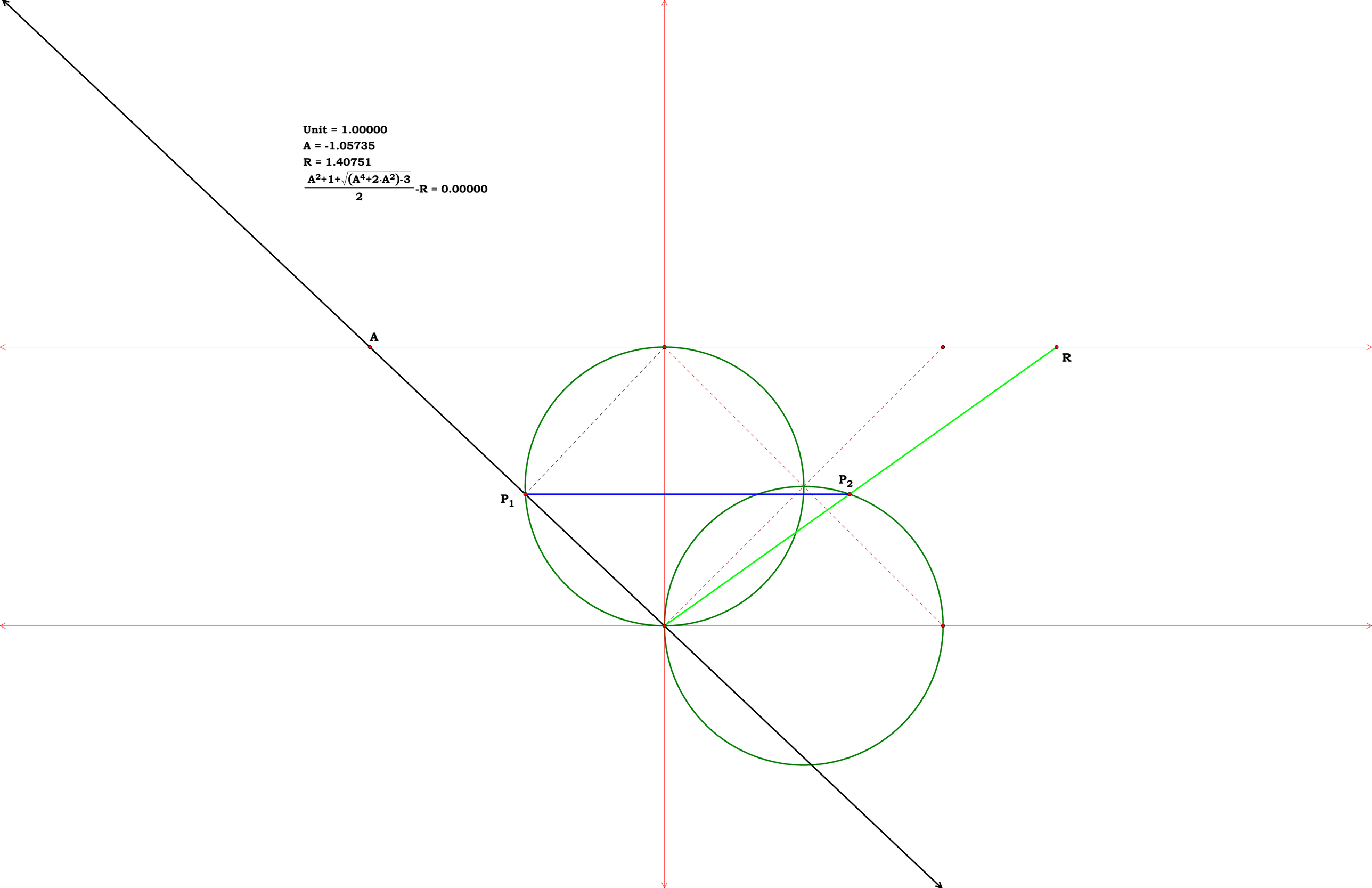
A = 0.37900

R = 0.70403

$\frac{\sqrt{A}}{\sqrt{(A^2-A)+1}}-R = 0.00000$

$\frac{\sqrt{(A^3-A^2)+A}}{(A^2-A)+1}-R = 0.00000$



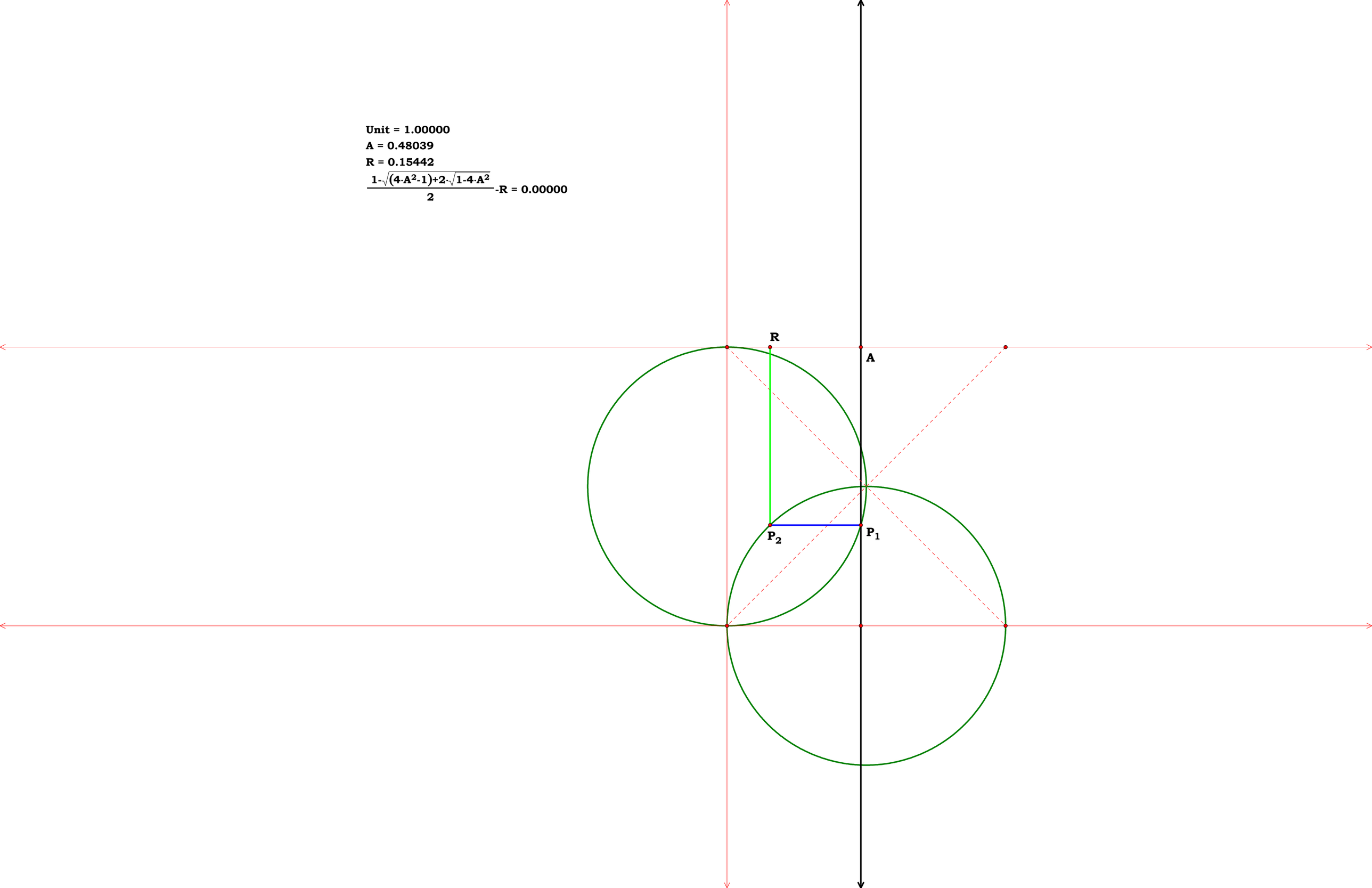

Unit = 1.00000
A = -1.05735
R = 1.40751
$\frac{A^2+1+\sqrt{(A^4+2\cdot A^2)-3}}{2}$-R = 0.00000
A
R
P1
P2

Unit = 1.00000

A = 0.48039

R = 0.15442

$$\frac{1-\sqrt{(4\cdot A^2-1)}+2\cdot\sqrt{1-4\cdot A^2}}{2}-R = 0.00000$$

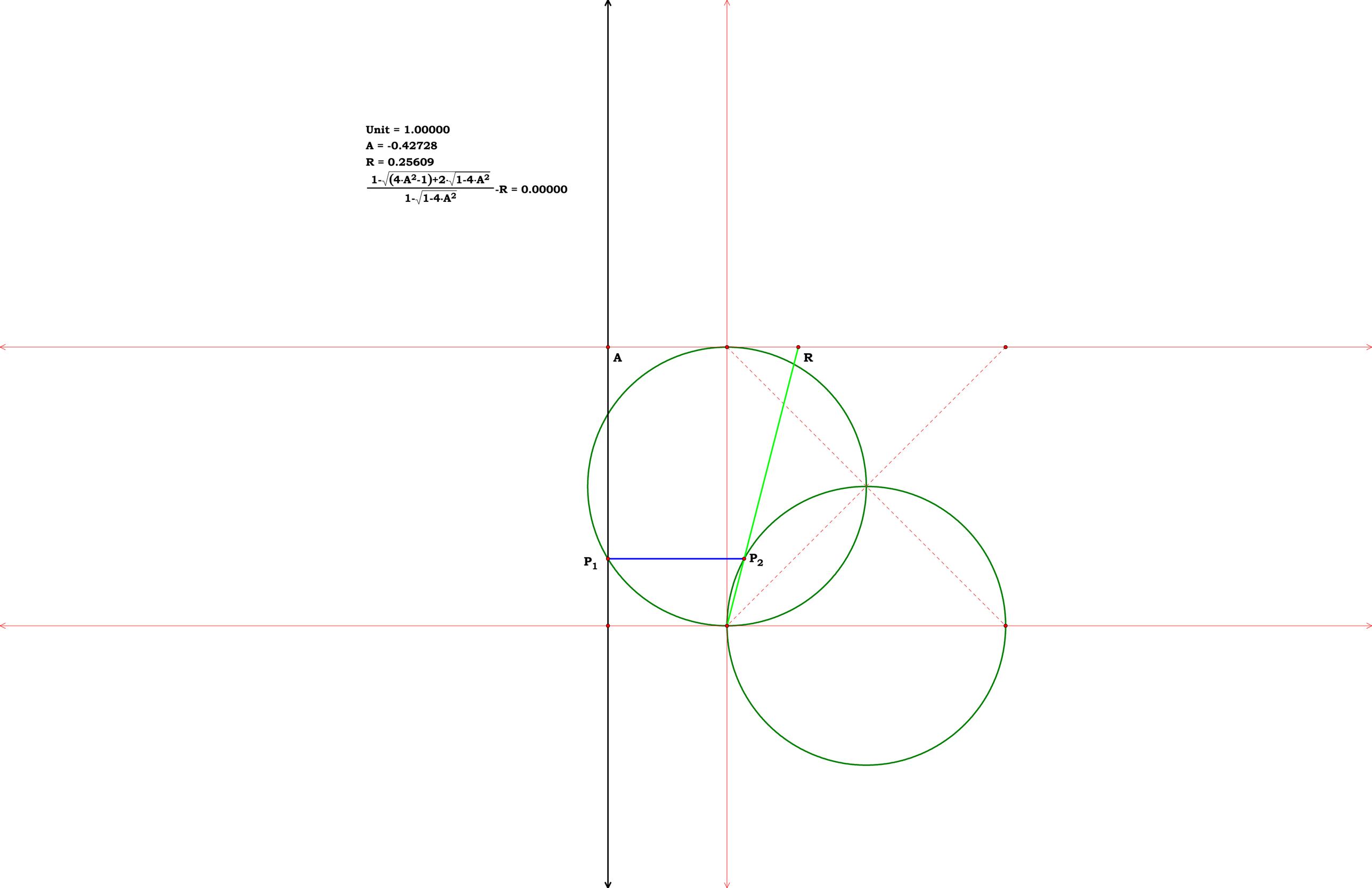


Unit = 1.00000

A = -0.42728

R = 0.25609

$$\frac{1-\sqrt{(4\cdot A^2-1)+2\cdot\sqrt{1-4\cdot A^2}}}{1-\sqrt{1-4\cdot A^2}}-R = 0.00000$$

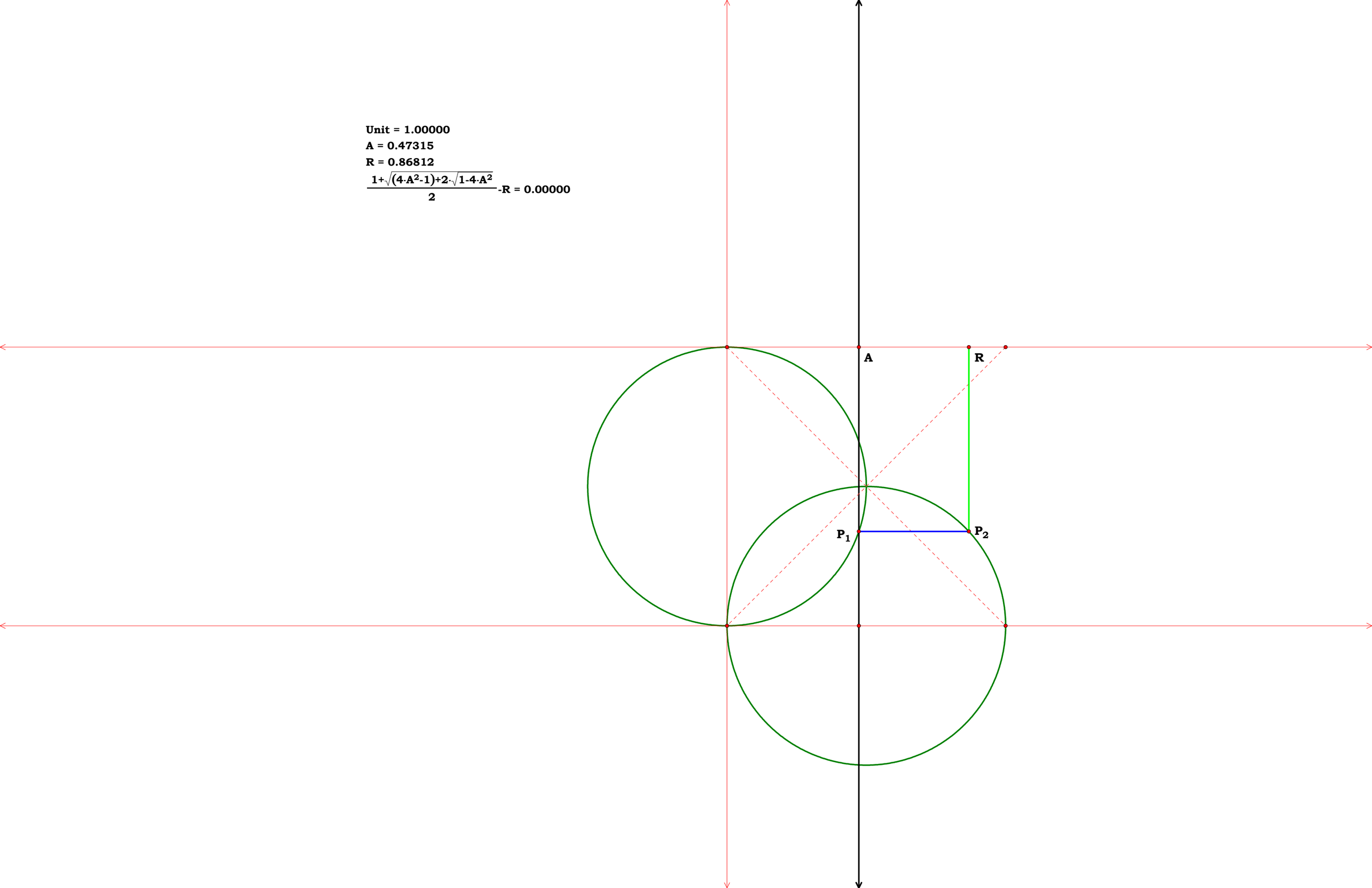


Unit = 1.00000

A = 0.47315

R = 0.86812

$$\frac{1+\sqrt{(4\cdot A^2-1)}+2\cdot\sqrt{1-4\cdot A^2}}{2}-R = 0.00000$$

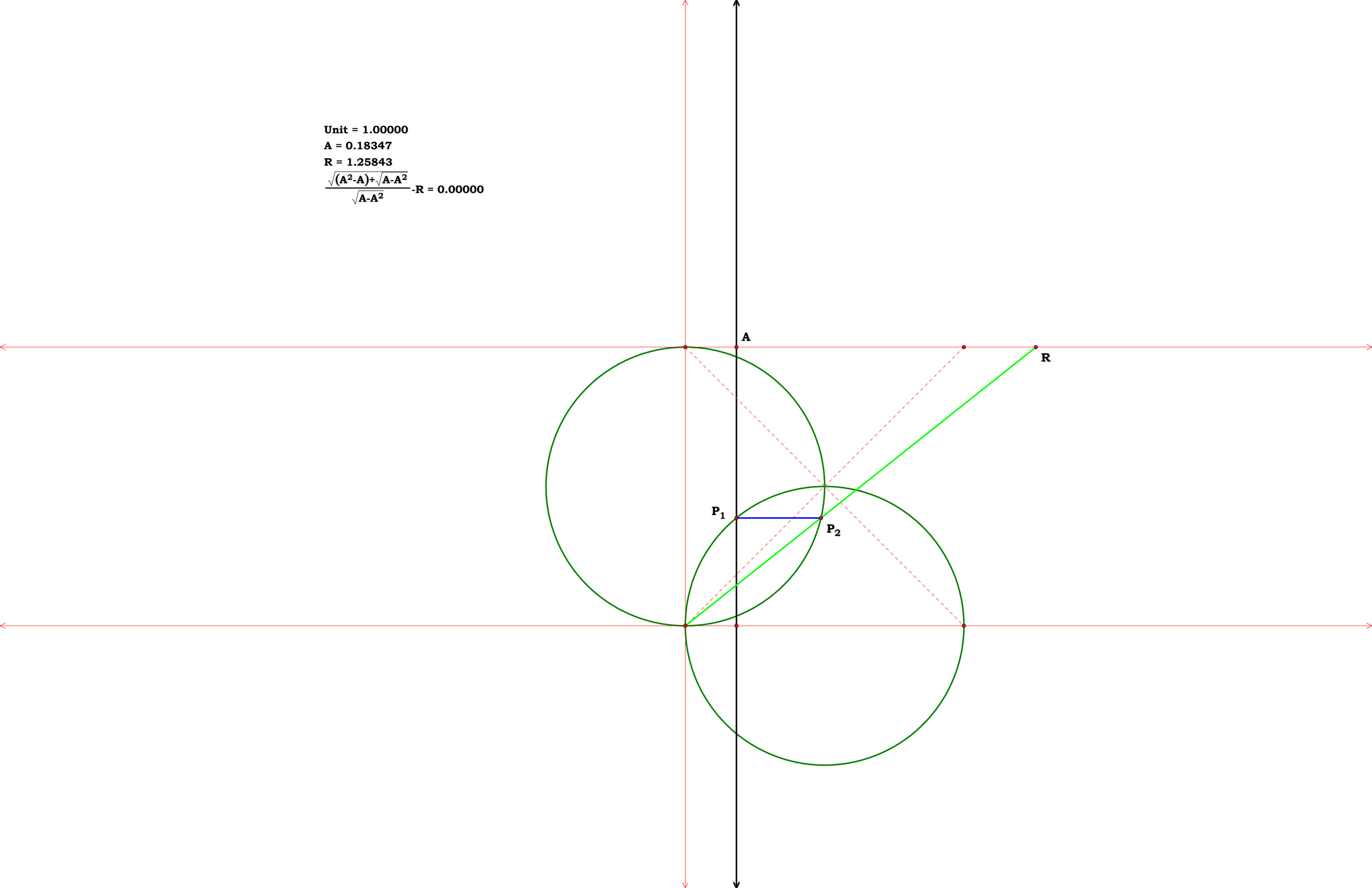


Unit = 1.00000

A = 0.18347

R = 1.25843

$$\frac{\sqrt{(A^2-A)}+\sqrt{A-A^2}}{\sqrt{A-A^2}}-R = 0.00000$$

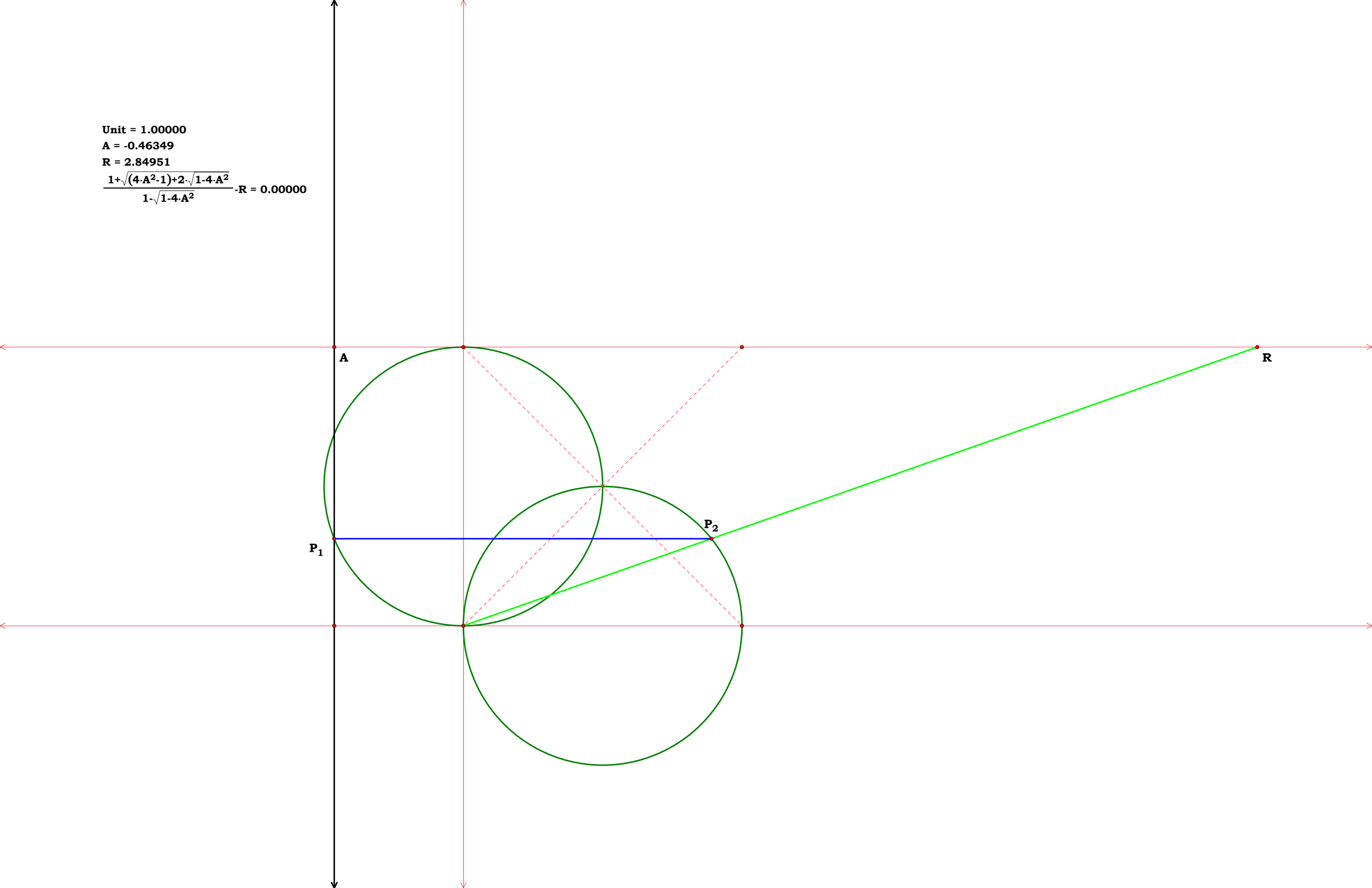


Unit = 1.00000

A = -0.46349

R = 2.84951

$$\frac{1+\sqrt{(4\cdot A^2-1)+2\cdot\sqrt{1-4\cdot A^2}}}{1-\sqrt{1-4\cdot A^2}}-R = 0.00000$$



Unit = 1.00000

A = 0.55523

B = 1.26013

R = 0.34153

$$\frac{(A+B)-\sqrt{(2\cdot A\cdot B+B^2)-3\cdot A^2}}{2\cdot A}-R = 0.00000$$

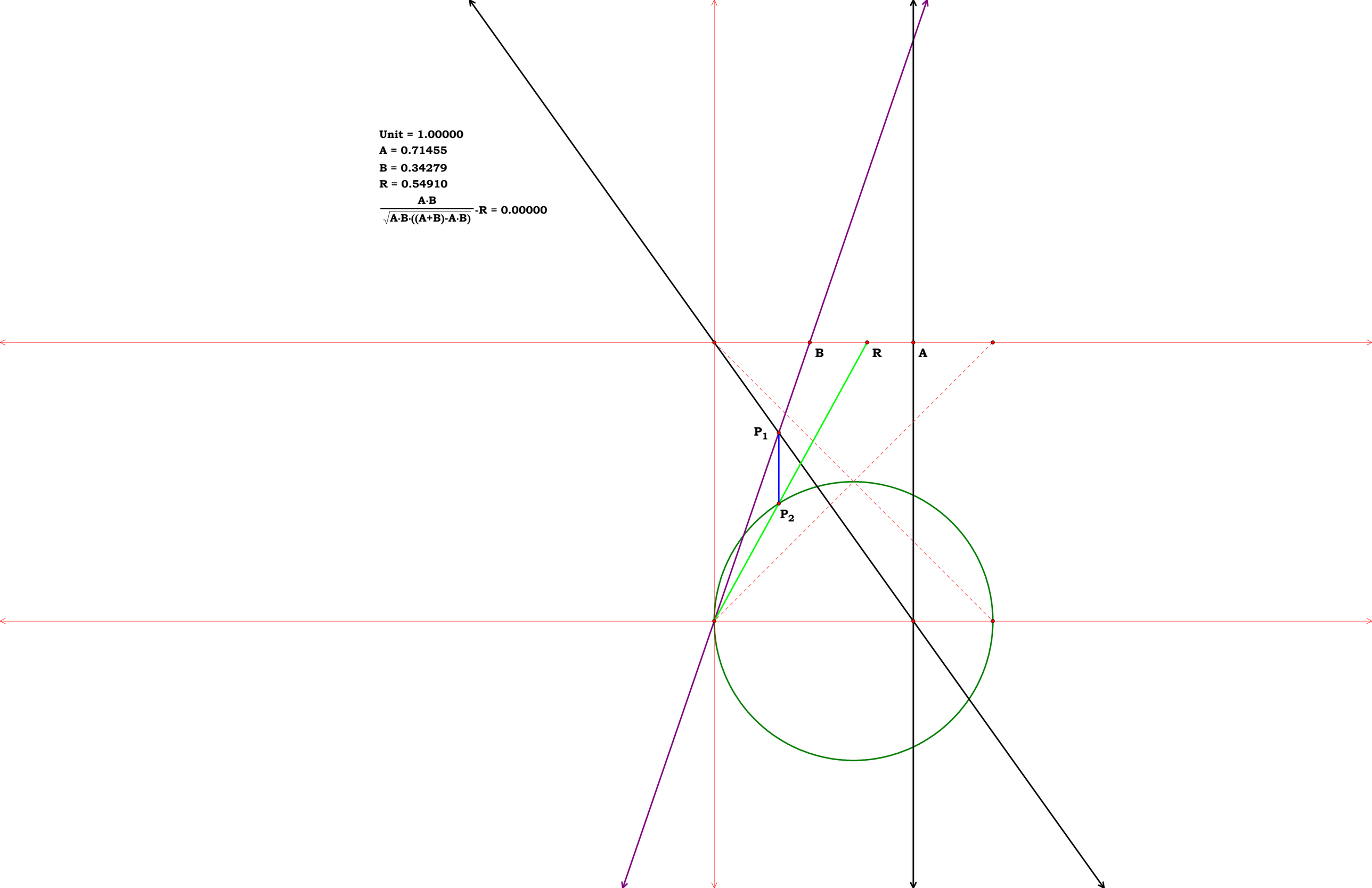
R

A

B

P_2

P_1


Unit = 1.00000
A = 0.71455
B = 0.34279
R = 0.54910
A·B / √(A·B·((A+B)-A·B)) -R = 0.00000
B
R
A
P1
P2

Unit = 1.00000

A = 1.67775

B = 1.26013

C = 0.82801

R = 0.74213

$$\frac{B\cdot C\cdot\sqrt{(A+B)^2}}{(A+B)\cdot\sqrt{B\cdot C\cdot((A+B)-B\cdot C)}}-R = 0.00000$$

R

C

B

A

P_2

P_1

P_3

Unit = 1.00000

A = 0.92216

B = 1.26013

R = 1.81576

$$\frac{(A+B)\cdot\left(\sqrt{B\cdot(A+B)^2}+\sqrt{B^2\cdot(B-A)\cdot(3\cdot A+B)}\right)}{2\cdot A\cdot\sqrt{(B\cdot(A+B))^2}}-R = 0.00000$$

A

B

R

P_1

P_2

Unit = 1.00000

A = 0.49729

B = 0.85457

R = 1.32667

$$\frac{\sqrt{B^2}\cdot(A+B)\cdot\left(\sqrt{(B\cdot(A+B))^2}+\sqrt{B^2\cdot((2\cdot A\cdot B-3\cdot A^2)+B^2)}\right)}{2\cdot B^3\cdot\sqrt{(A+B)^2}}-R = 0.00000$$

A

B

R

P_1

P_2

Unit = 1.00000

A = 0.74352

B = 1.08390

R = 0.35302

$$\frac{(A+B)\cdot\left(\sqrt{(B\cdot(A+B))^2}-\sqrt{B^2\cdot(B-A)\cdot(3\cdot A+B)}\right)}{2\cdot B\cdot\sqrt{(B\cdot(A+B))^2}}-R = 0.00000$$

R

A

B

P_1

P_2

Unit = 1.00000

A = 0.87629

B = 1.34945

R = 0.40939

$$\frac{B\cdot\left(\sqrt{(2\cdot A-3\cdot B)\cdot(B-2\cdot A)}-\sqrt{B^2}\right)}{2\cdot\sqrt{B^2}\cdot(A-B)}-R = 0.00000$$

R

A

B

P_2

P_1

Unit = 1.00000

A = 0.85940

B = 1.68982

R = 1.20503

$$\frac{B\cdot\left(\sqrt{B^2}+\sqrt{(2\cdot A-3\cdot B)\cdot(B-2\cdot A)}\right)}{2\cdot\sqrt{B^2}\cdot(B-A)}-R = 0.00000$$

A

R

B

P_1

P_2

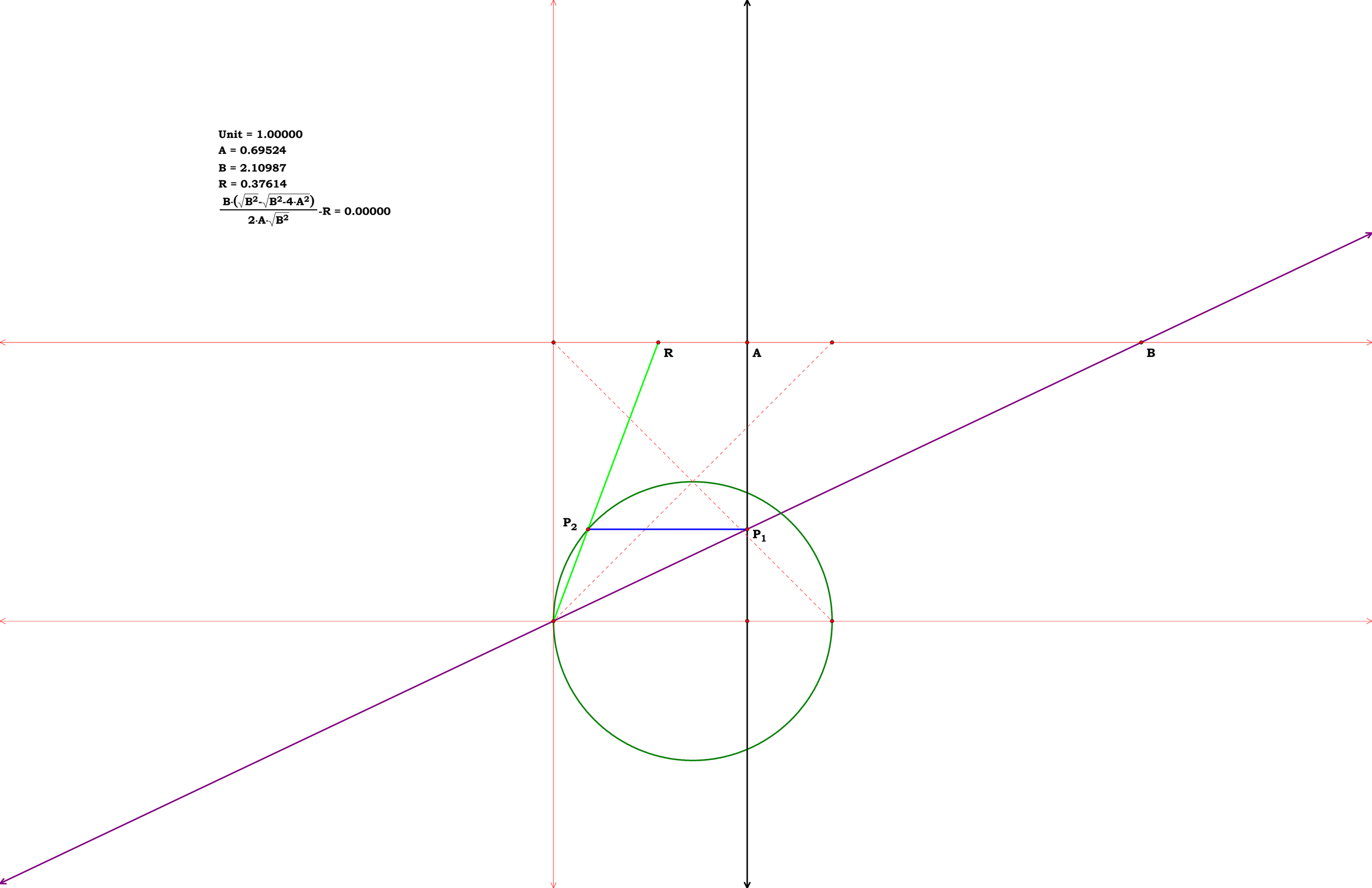
Unit = 1.00000

A = 0.69524

B = 2.10987

R = 0.37614

$$\frac{B\cdot\left(\sqrt{B^2}-\sqrt{B^2-4\cdot A^2}\right)}{2\cdot A\cdot\sqrt{B^2}}-R = 0.00000$$



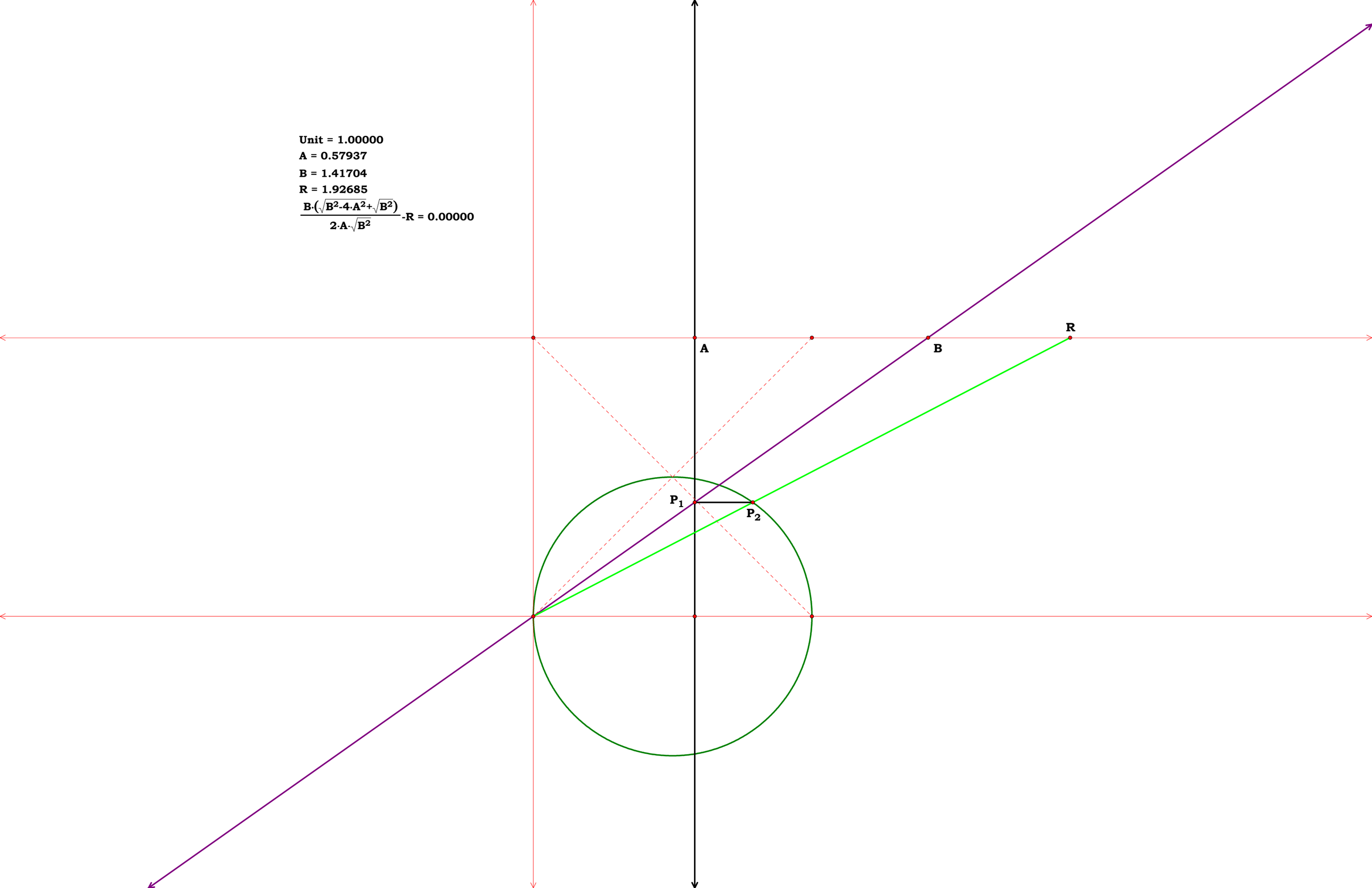
Unit = 1.00000

A = 0.57937

B = 1.41704

R = 1.92685

$$\frac{B\cdot\left(\sqrt{B^2-4\cdot A^2}+\sqrt{B^2}\right)}{2\cdot A\cdot\sqrt{B^2}}-R = 0.00000$$



Branch One.

Introduction to Roll Away the Stone.

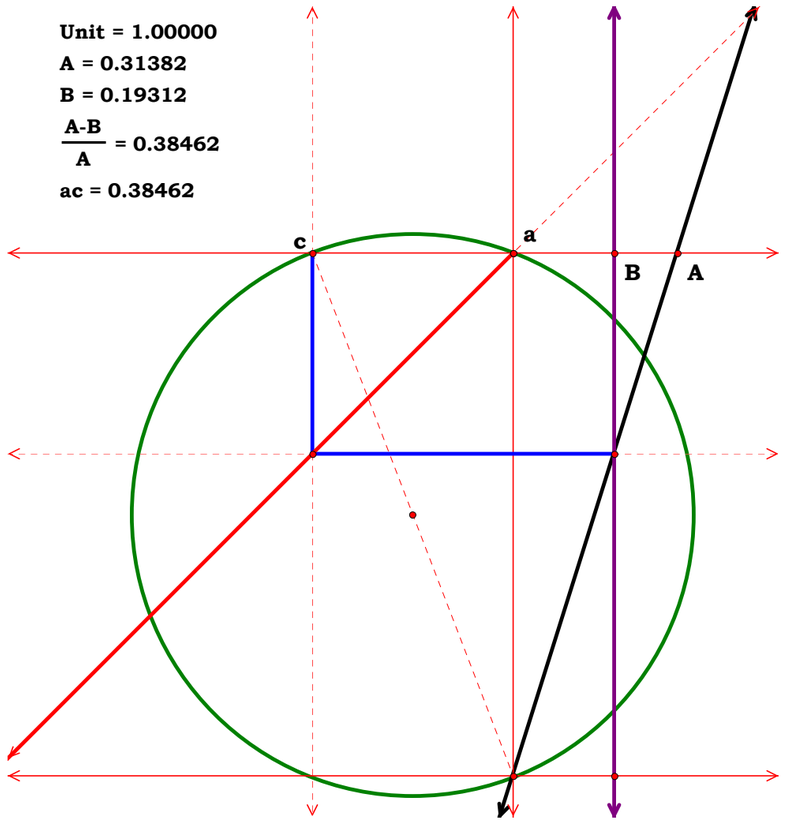
Motions in Roll Away the Stone.

Using a six sample set.

Given.

$A := .31382$

$B := .19312$



Descriptions.

One can tie the circles motion to any equation that they like. This is just a sample set of six simple motions.

The previous sections of the book use variables throughout the equation which are arithmetic. Here I use a geometric variable commonly called a function. I do not use the clumsy notation for a function, its is, after all, just another variable. I simply use ac inthe equation.

Definitions.

$ac := \frac{A - B}{A}$ $ac = 0.384615$

Branch Two.

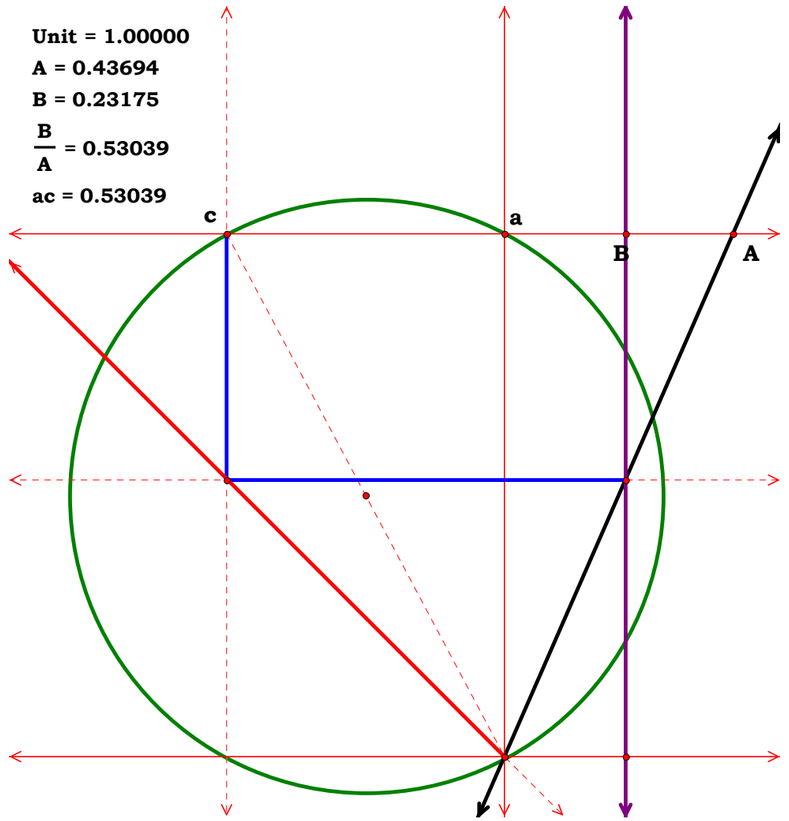
Given.

$A := .43694$

$B := .23175$

Definitions.

$ac := \frac{B}{A}$ $\quad ac = 0.530393$



Branch Three.

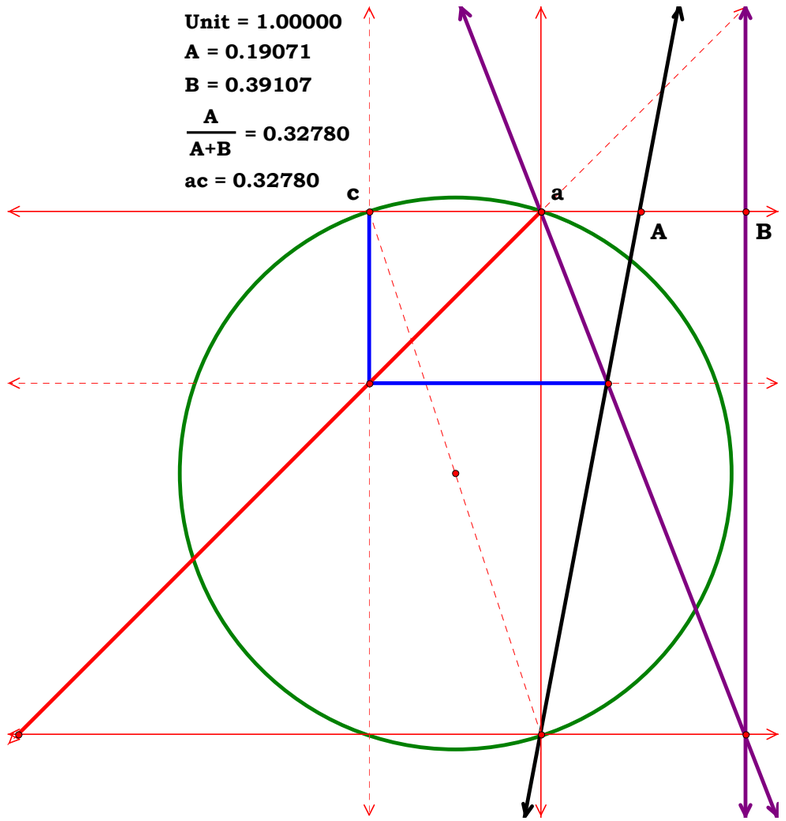
Given.

$A := .19071$

$B := .39107$

Definitions.

$$ac := \frac{A}{A + B} \qquad ac = 0.327804$$



Branch Four.

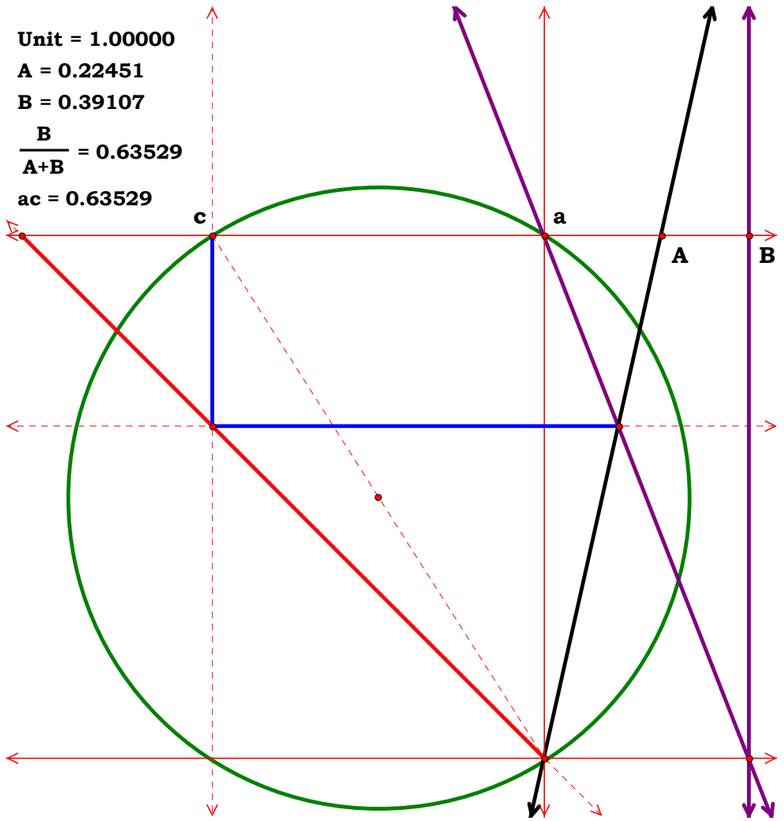
Given.

$A := .22451$

$B := .39107$

Definitions.

$$ac := \frac{B}{A+B} \qquad ac = 0.635287$$



Branch Five.

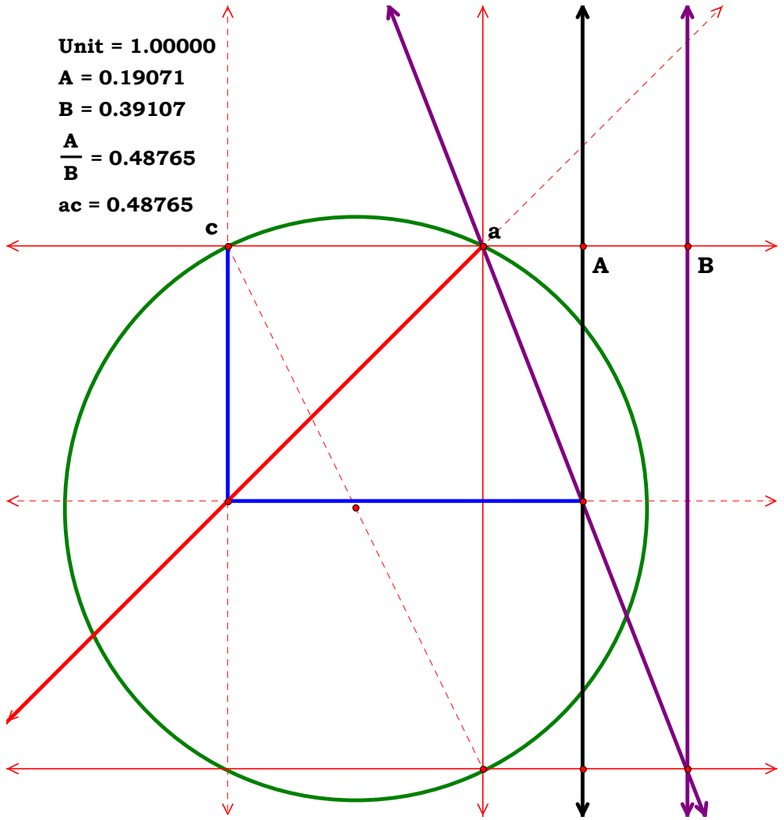
Given.

$A := .19071$

$B := .39107$

Definitions.

$ac := \frac{A}{B}$ $\quad ac = 0.487662$



Branch Six.

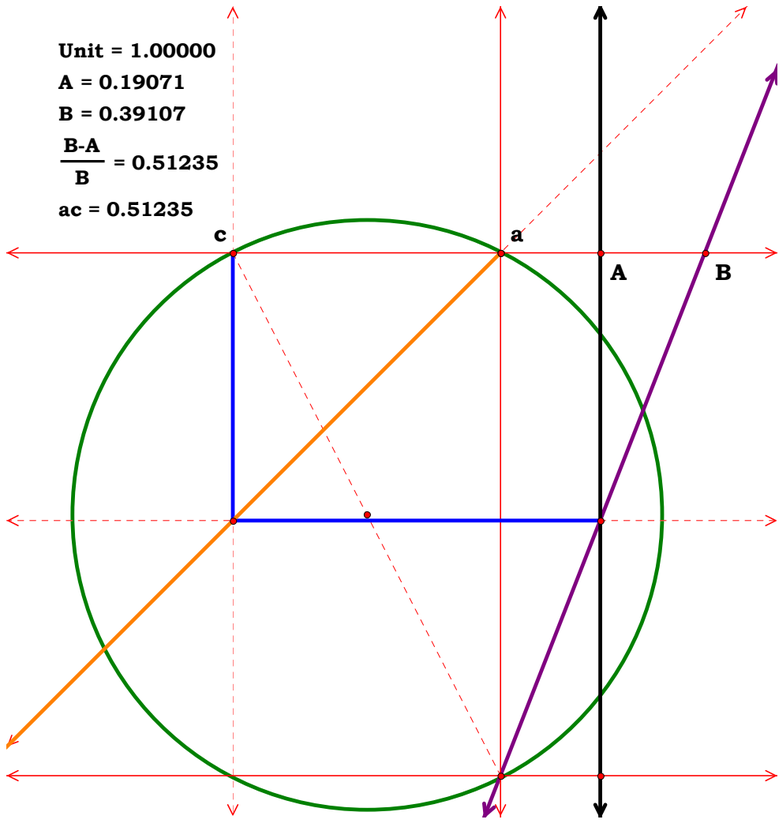
Given.

$A := .19071$

$B := .39107$

Definitions.

$$ac := \frac{B - A}{B} \qquad ac = 0.512338$$



Unit = 1.00000

A = 0.83526

B = 0.57695

C = 1.14667

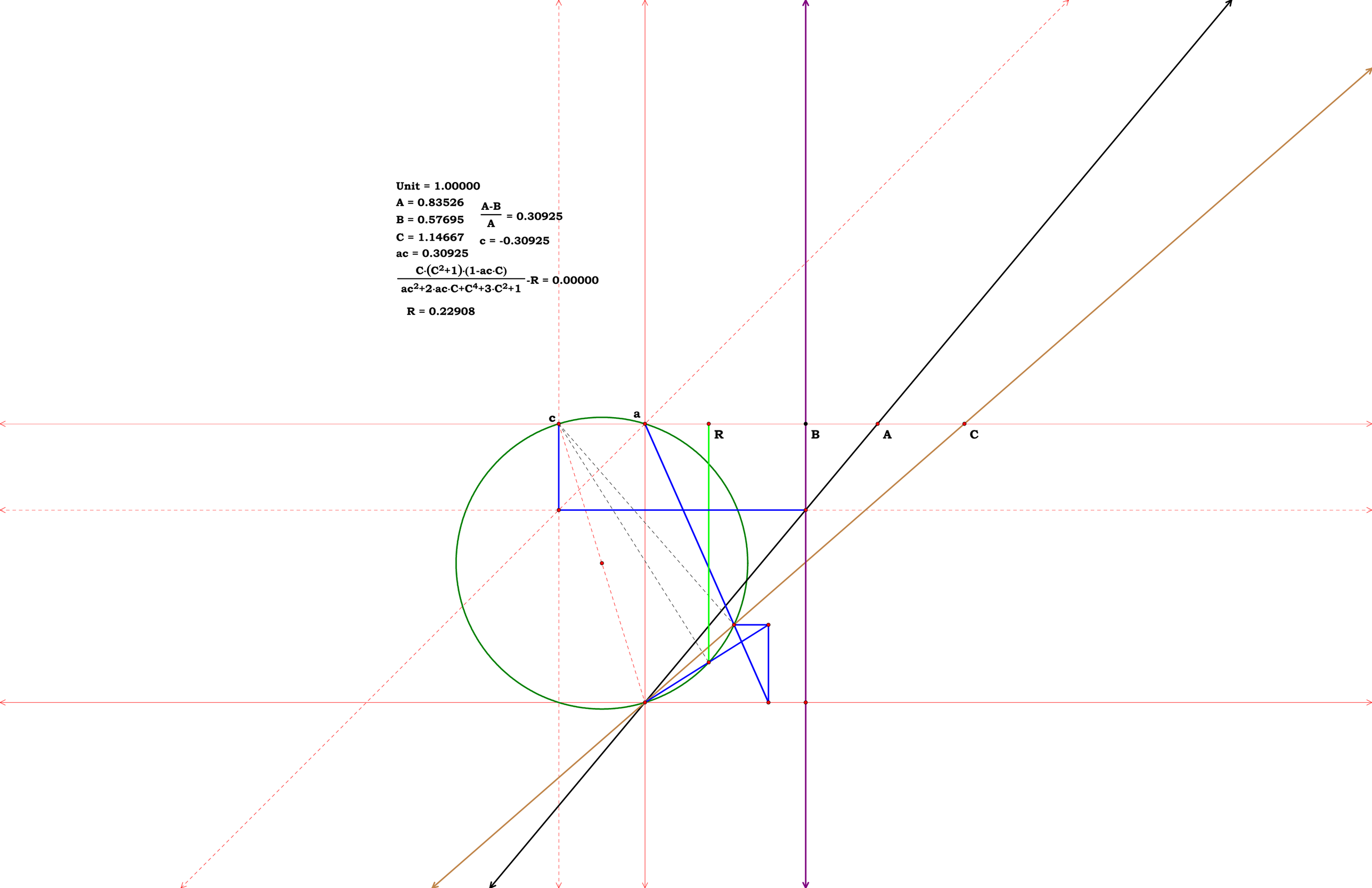
ac = 0.30925

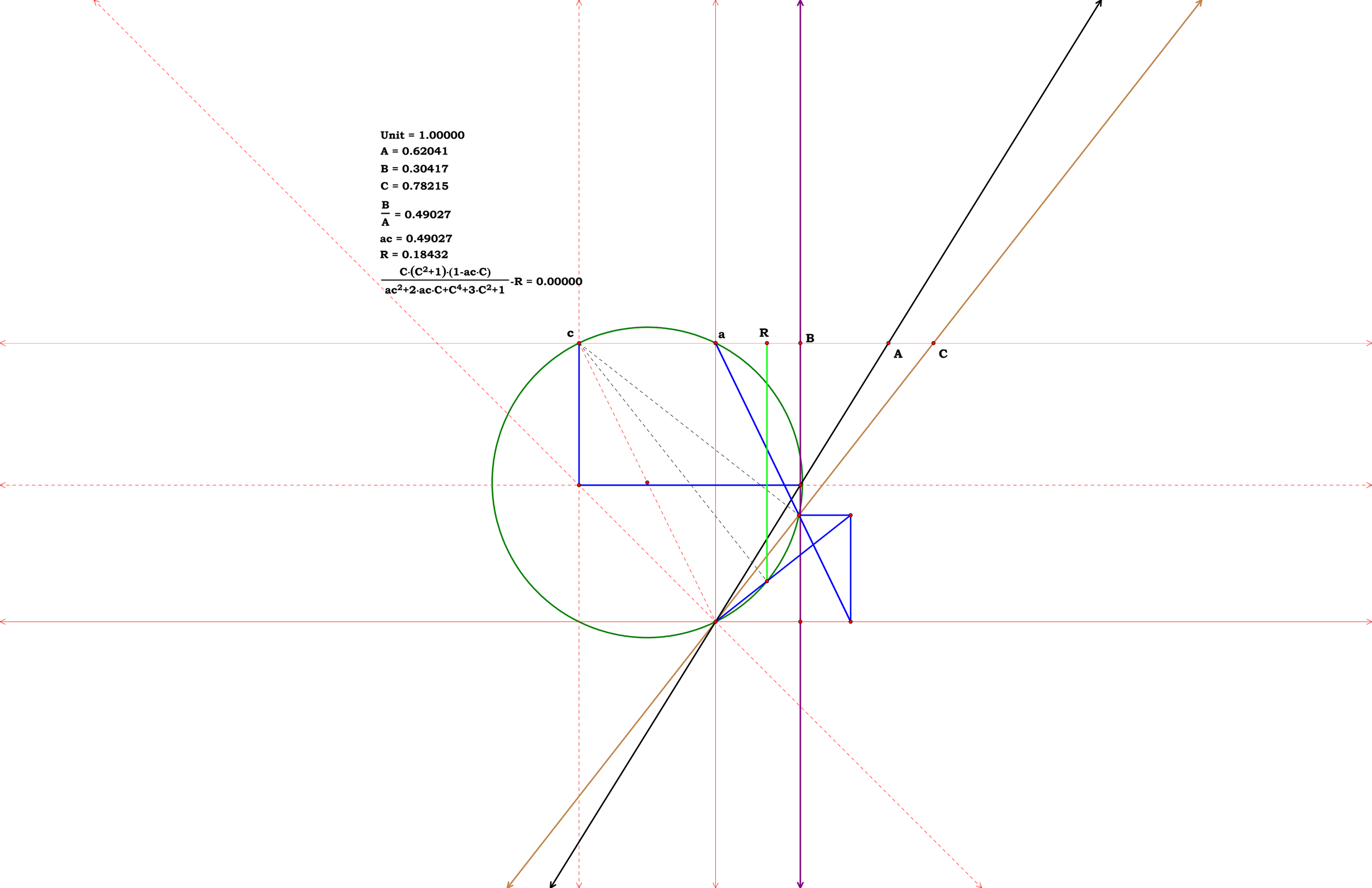
$\frac{A-B}{A}$ = 0.30925

c = -0.30925

$\frac{C\cdot(C^2+1)\cdot(1-ac\cdot C)}{ac^2+2\cdot ac\cdot C+C^4+3\cdot C^2+1}$ -R = 0.00000

R = 0.22908




Unit = 1.00000
A = 0.62041
B = 0.30417
C = 0.78215
B/A = 0.49027
ac = 0.49027
R = 0.18432
C·(C²+1)·(1-ac·C) / (ac²+2·ac·C+C⁴+3·C²+1) -R = 0.00000
c
a
R
B
A
C

Unit = 1.00000

A = 1.56430

B = 1.06700

C = 0.73628

$\frac{A}{A+B}$ = 0.59450

ac = 0.59450

R = 0.15387

$\frac{C\cdot(C^2+1)\cdot(1-ac\cdot C)}{ac^2+2\cdot ac\cdot C+C^4+3\cdot C^2+1}$ -R = 0.00000

c

a

R

C

B

A

Unit = 1.00000

A = 0.27761

B = 0.41763

C = 0.63731

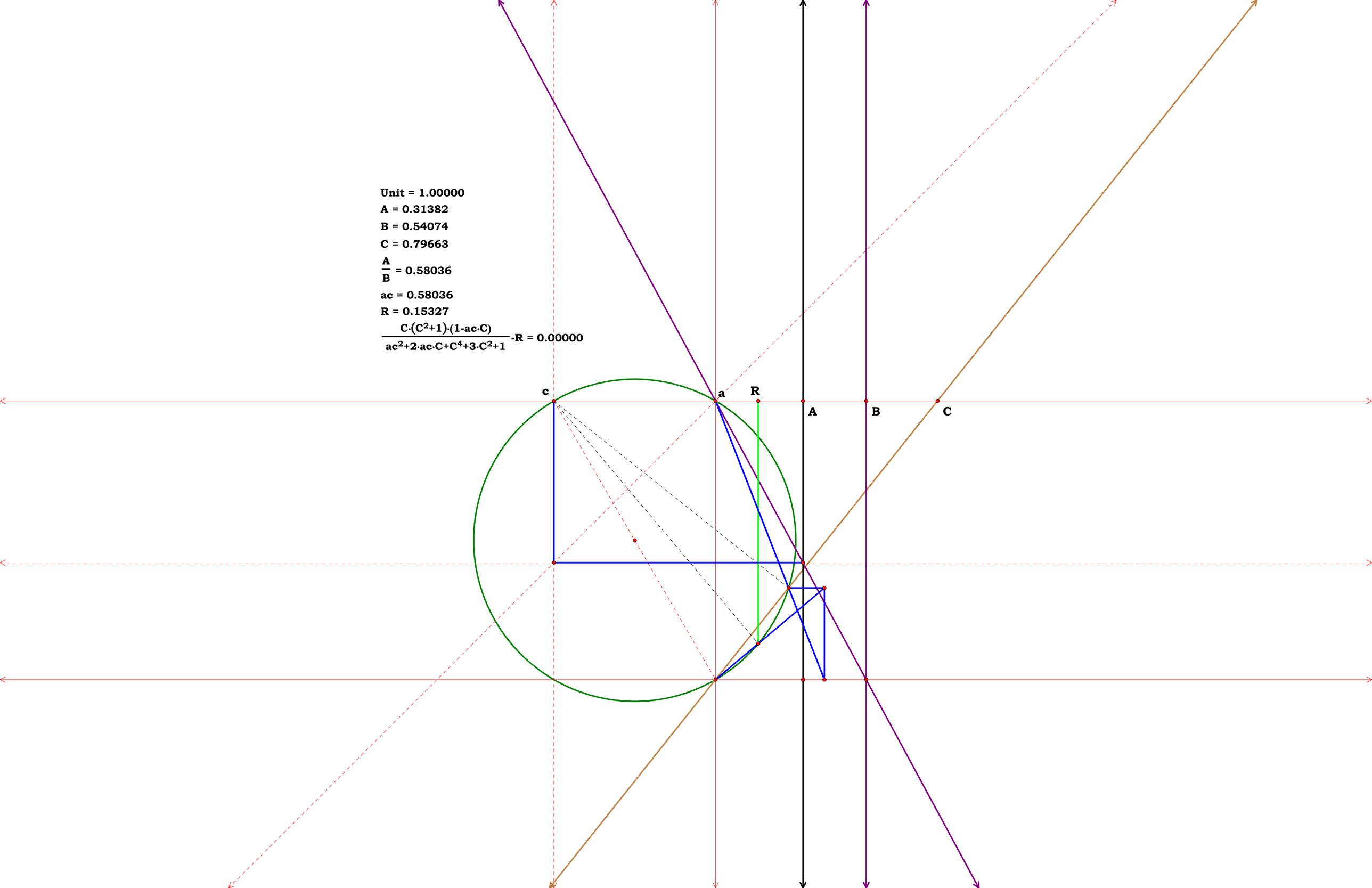
$\frac{B}{A+B}$ = 0.60069

ac = 0.60069

R = 0.15758

$\frac{C\cdot(C^2+1)\cdot(1-ac\cdot C)}{ac^2+2\cdot ac\cdot C+C^4+3\cdot C^2+1}$ -R = 0.00000

c a R A B C


Unit = 1.00000
A = 0.31382
B = 0.54074
C = 0.79663
A/B = 0.58036
ac = 0.58036
R = 0.15327
C·(C²+1)·(1-ac·C) / (ac²+2·ac·C+C⁴+3·C²+1) -R = 0.00000
c
a
R
A
B
C

Unit = 1.00000

A = 0.24140

B = 0.41280

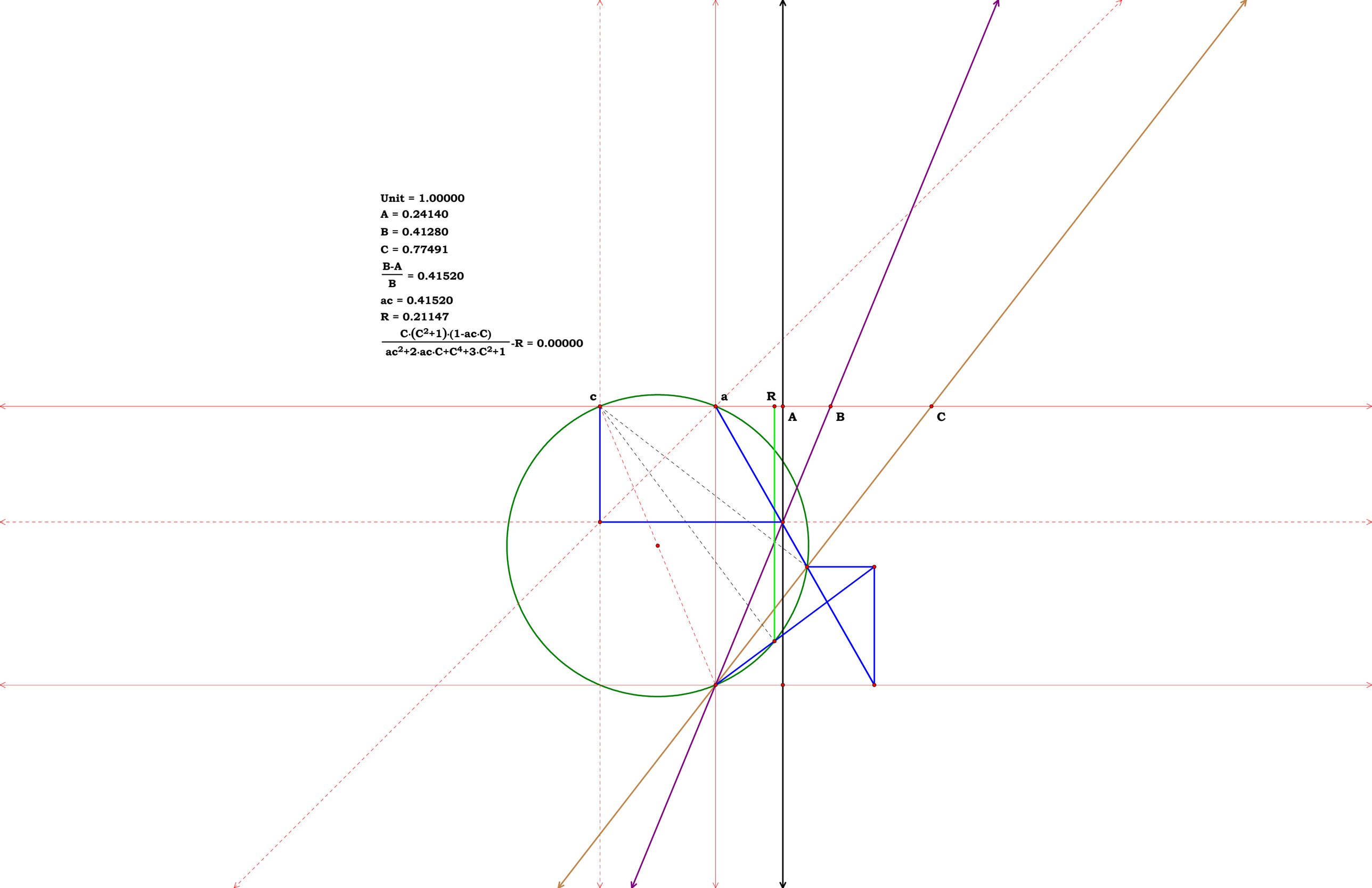
C = 0.77491

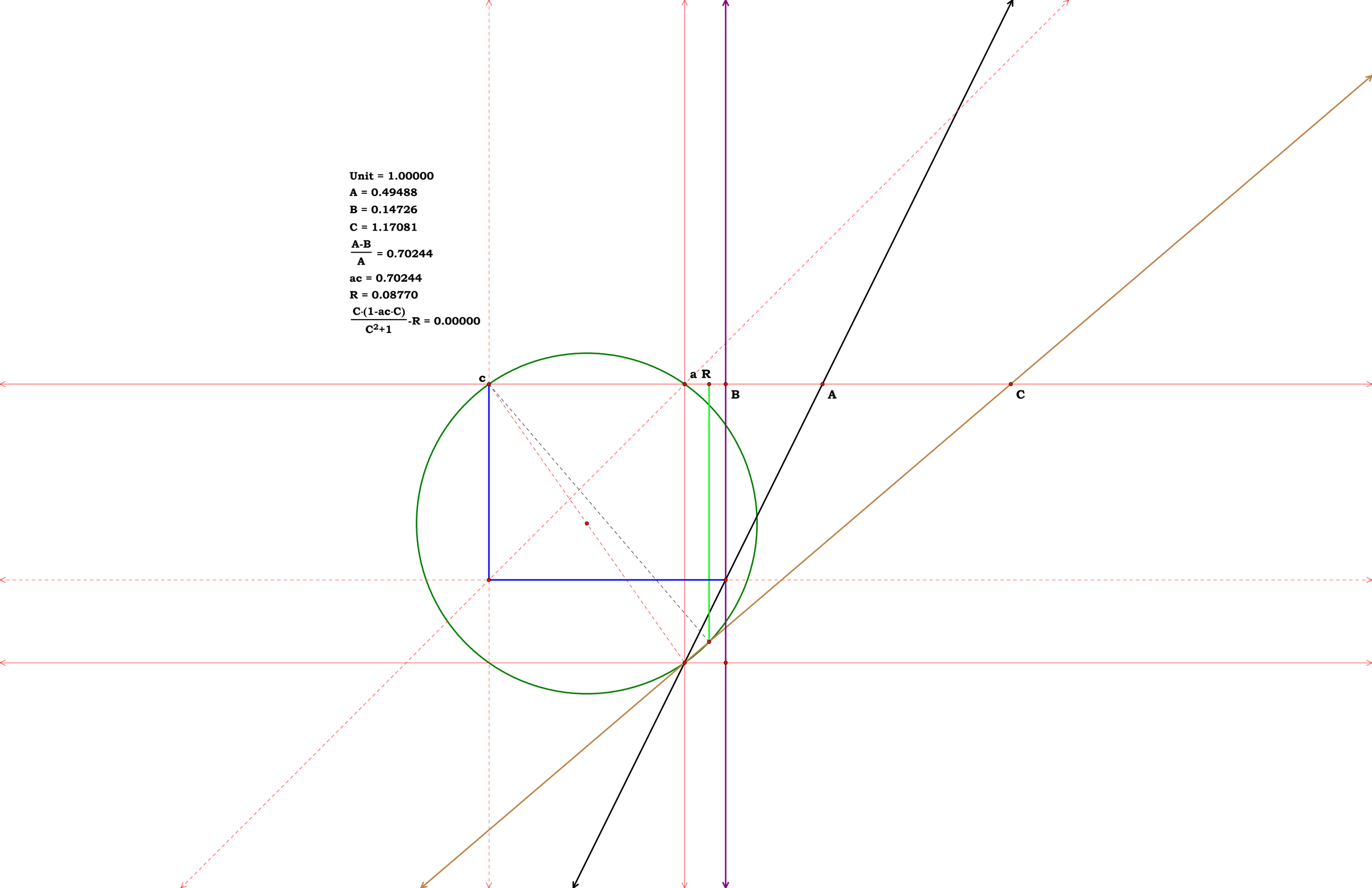
$\frac{B-A}{B}$ = 0.41520

ac = 0.41520

R = 0.21147

$\frac{C\cdot(C^2+1)\cdot(1-ac\cdot C)}{ac^2+2\cdot ac\cdot C+C^4+3\cdot C^2+1}$ -R = 0.00000




Unit = 1.00000
A = 0.49488
B = 0.14726
C = 1.17081
(A-B)/A = 0.70244
ac = 0.70244
R = 0.08770
C·(1-ac·C)/(C²+1) -R = 0.00000
c
a
R
B
A
C

Unit = 1.00000

A = 0.52143

B = 0.16657

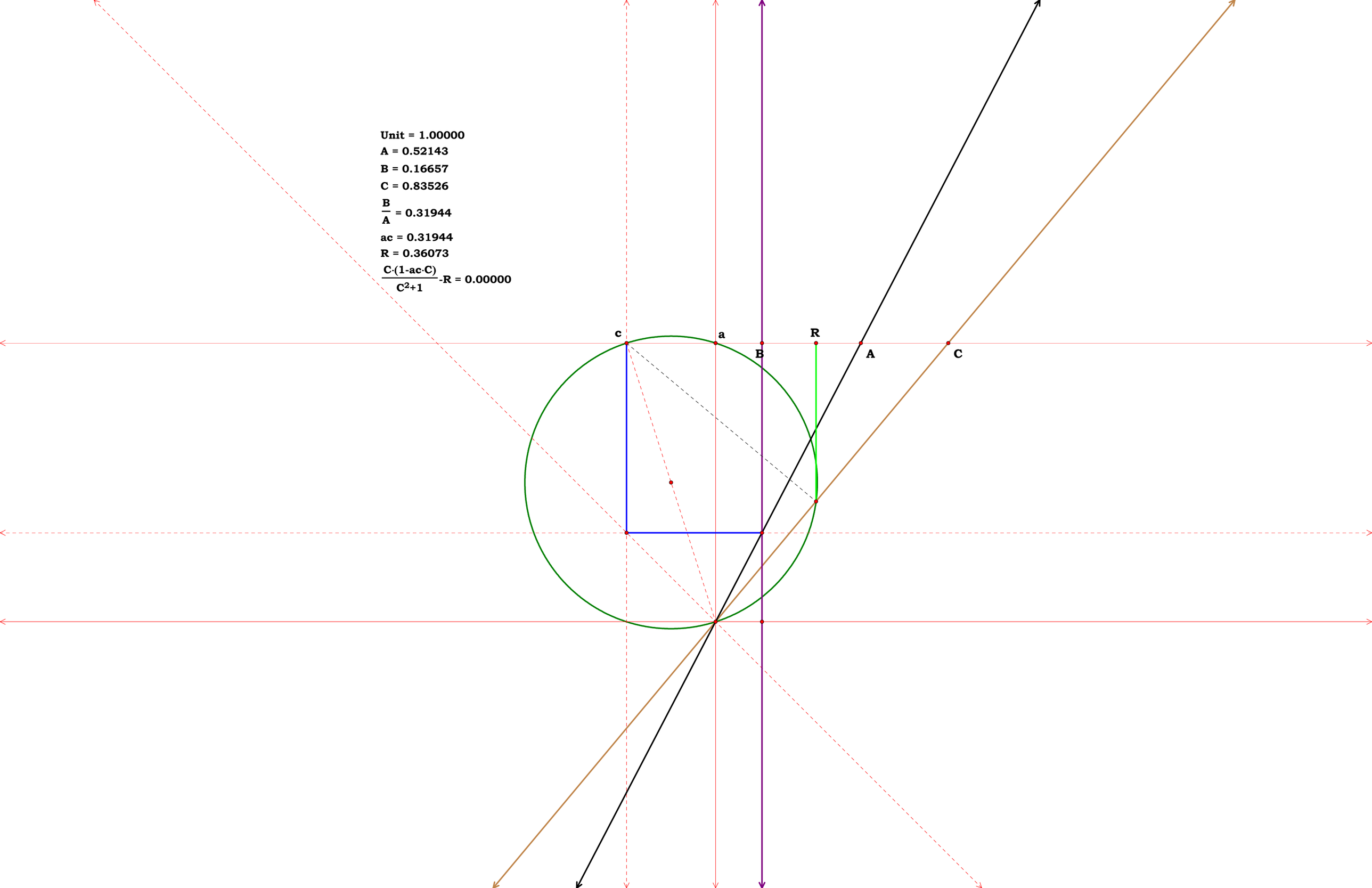
C = 0.83526

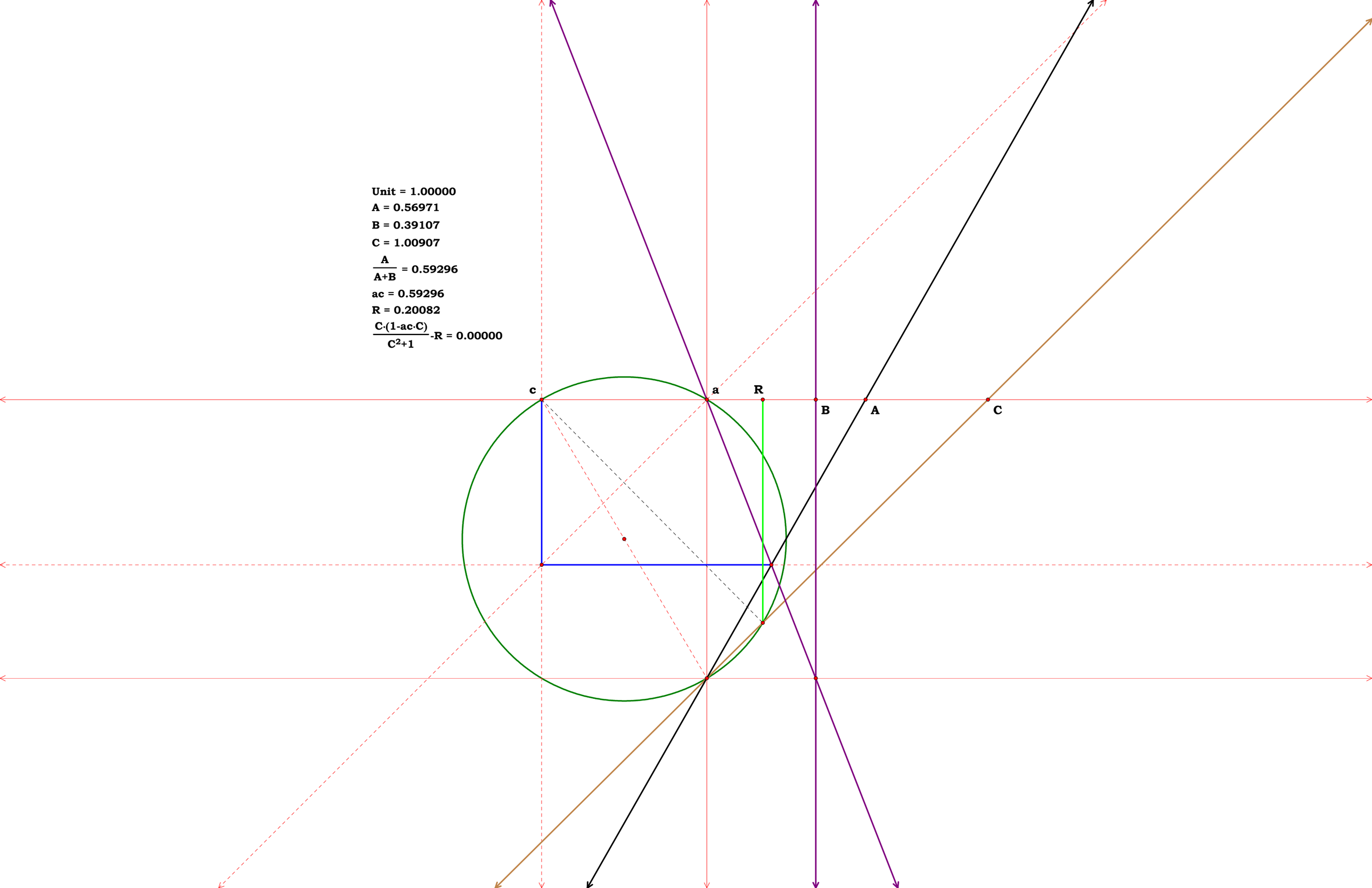
$\frac{B}{A}$ = 0.31944

ac = 0.31944

R = 0.36073

$\frac{C\cdot(1-ac\cdot C)}{C^2+1}$-R = 0.00000




Unit = 1.00000
A = 0.56971
B = 0.39107
C = 1.00907
A/(A+B) = 0.59296
ac = 0.59296
R = 0.20082
C·(1-ac·C)/(C²+1) -R = 0.00000
c
a
R
B
A
C

Unit = 1.00000

A = 0.36211

B = 0.54316

C = 1.11770

$\frac{B}{A+B}$ = 0.60000

ac = 0.60000

R = 0.16368

$\frac{C\cdot(1-ac\cdot C)}{C^2+1}$-R = 0.00000

c

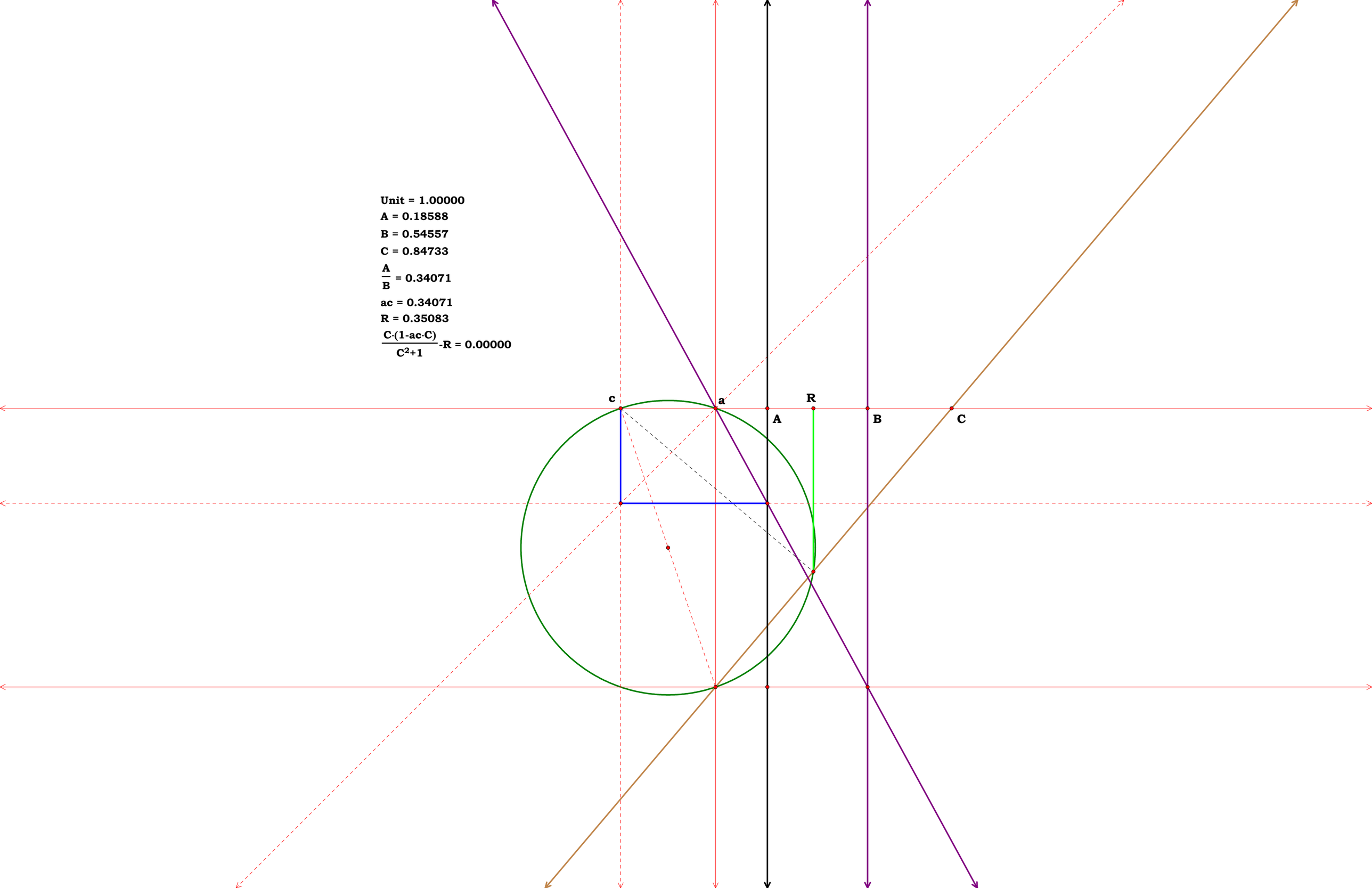
a

R

A

B

C


Unit = 1.00000
A = 0.18588
B = 0.54557
C = 0.84733
A/B = 0.34071
ac = 0.34071
R = 0.35083
C·(1-ac·C)/(C²+1) -R = 0.00000
c
a
R
A
B
C

Unit = 1.00000

A = 0.22209

B = 0.36935

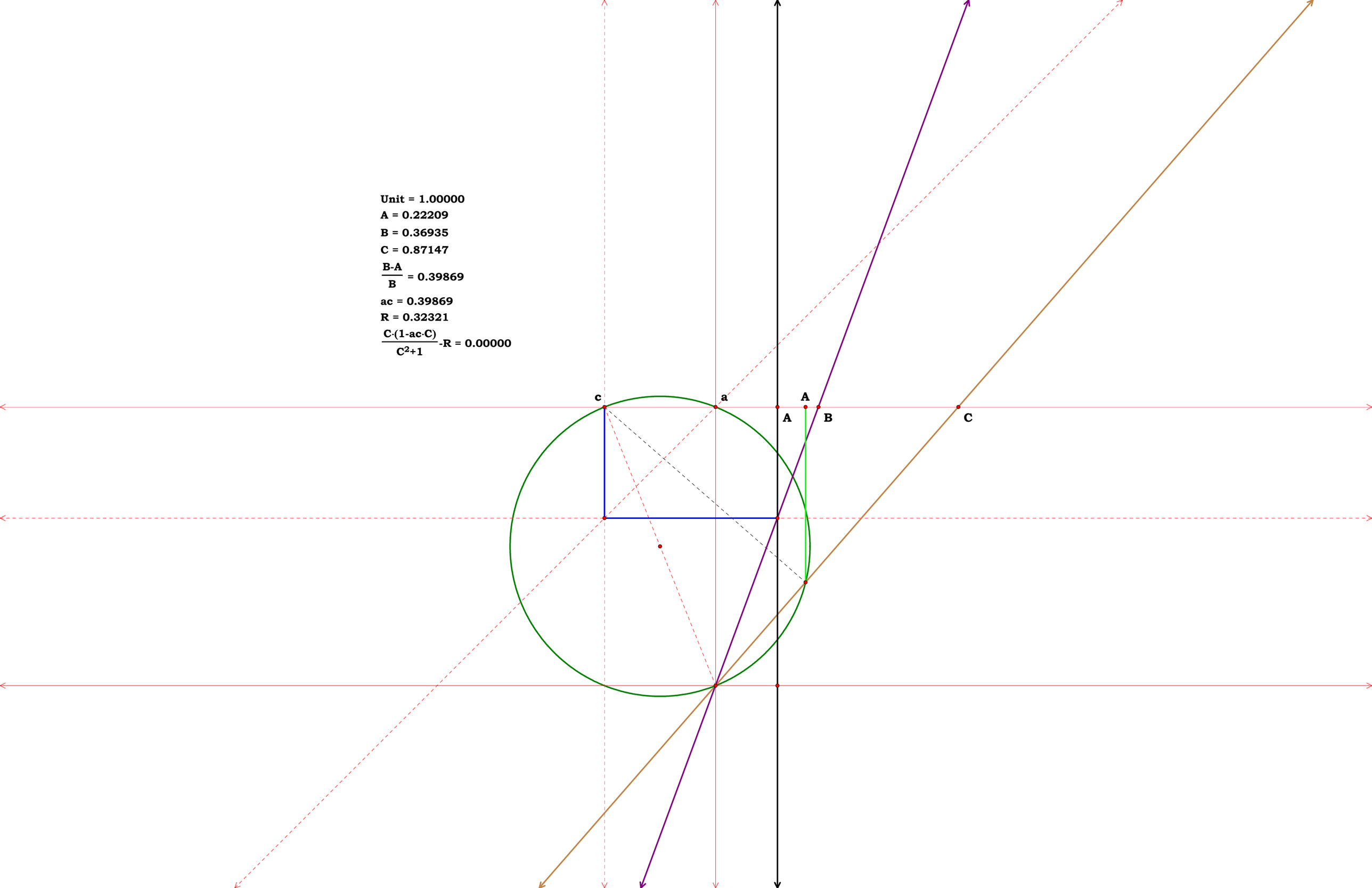
C = 0.87147

$\frac{B-A}{B}$ = 0.39869

ac = 0.39869

R = 0.32321

$\frac{C\cdot(1-ac\cdot C)}{C^2+1}$-R = 0.00000



Unit = 1.00000

A = 0.63006

B = 0.33555

C = 1.35427

D = 1.06700

$\frac{A-B}{A}$ = 0.46743

ac = 0.46743

R = 0.28215

$\frac{C\cdot D\cdot(ac+C)\cdot((C^2-ac\cdot C^2\cdot D-ac^2\cdot C\cdot D)+1)}{ac^2\cdot C^2\cdot D^2+2\cdot ac\cdot C^3\cdot D^2+C^4\cdot D^2+C^4+2\cdot C^2+1}$-R = 0.00000

c

a

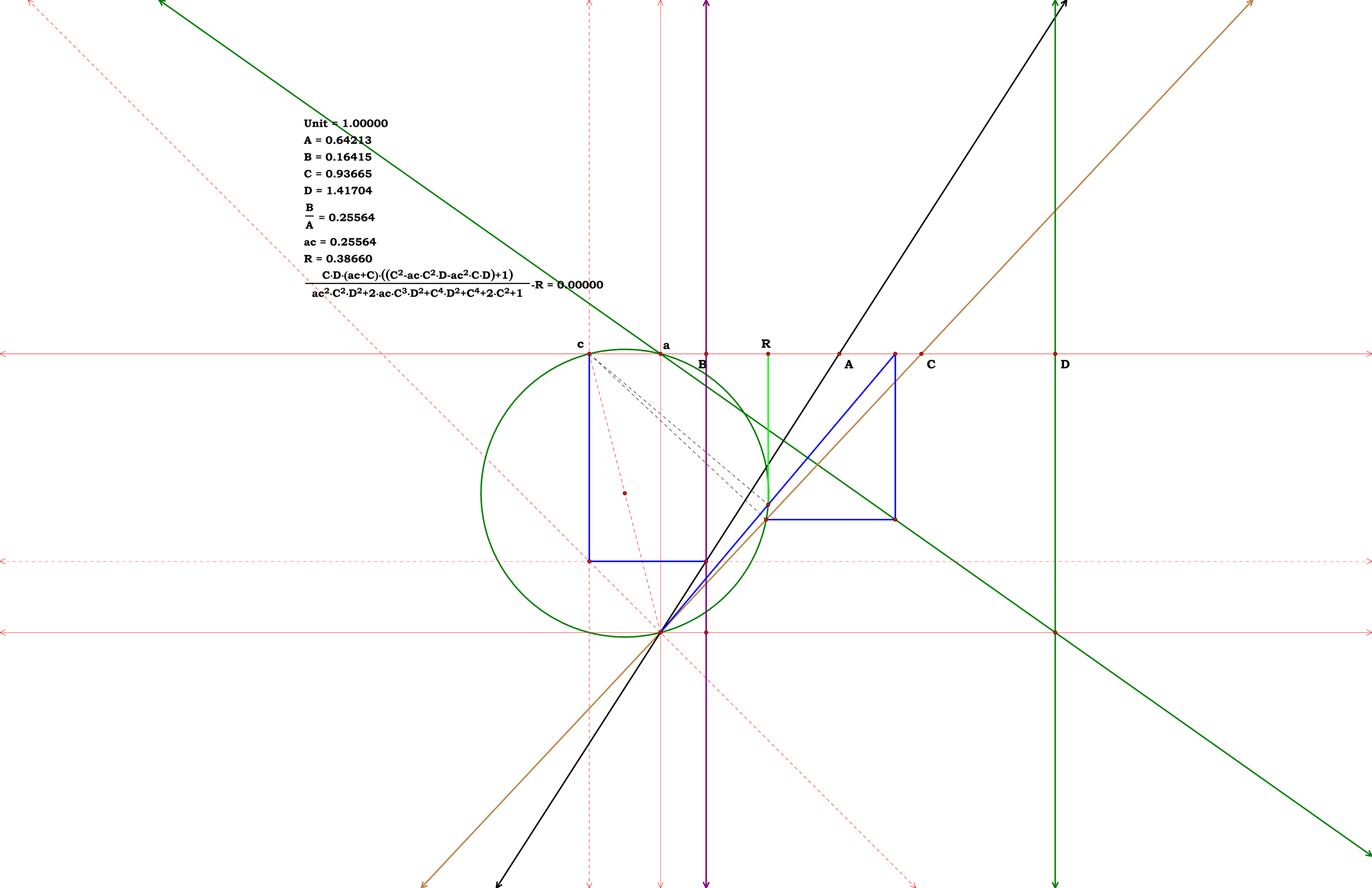
R

B

A

D

C


Unit = 1.00000
A = 0.64213
B = 0.16415
C = 0.93665
D = 1.41704
B/A = 0.25564
ac = 0.25564
R = 0.38660
C·D·(ac+C)·((C²-ac·C²·D-ac²·C·D)+1) / (ac²·C²·D²+2·ac·C³·D²+C⁴·D²+C⁴+2·C²+1) -R = 0.00000
c
a
B
R
A
C
D

Unit = 1.00000

A = 0.21244

B = 0.47557

C = 0.90044

D = 1.26978

$\frac{A}{A+B}$ = 0.30877

ac = 0.30877

R = 0.36862

$\frac{C \cdot D \cdot (ac+C) \cdot ((C^2 - ac \cdot C^2 \cdot D - ac^2 \cdot C \cdot D)+1)}{ac^2 \cdot C^2 \cdot D^2 + 2 \cdot ac \cdot C^3 \cdot D^2 + C^4 \cdot D^2 + C^4 + 2 \cdot C^2 + 1}$ - R = 0.00000

c

a

R

A

B

C

D

Unit = 1.00000

A = 0.33314

B = 0.49005

C = 0.72662

D = 1.31324

$\frac{B}{A+B} = 0.59531$

ac = 0.59531

R = 0.24967

$\frac{C \cdot D \cdot (ac+C) \cdot ((C^2 - ac \cdot C^2 \cdot D - ac^2 \cdot C \cdot D)+1)}{ac^2 \cdot C^2 \cdot D^2 + 2 \cdot ac \cdot C^3 \cdot D^2 + C^4 \cdot D^2 + C^4 + 2 \cdot C^2 + 1} - R = 0.00000$

c

a

R

A

B

C

D

Unit = 1.00000

A = 0.20278

B = 0.48522

C = 0.84733

D = 1.23357

$\frac{A}{B}$ = 0.41791

ac = 0.41791

R = 0.32786

$\frac{C \cdot D \cdot (ac+C) \cdot ((C^2 - ac \cdot C^2 \cdot D - ac^2 \cdot C \cdot D)+1)}{ac^2 \cdot C^2 \cdot D^2 + 2 \cdot ac \cdot C^3 \cdot D^2 + C^4 \cdot D^2 + C^4 + 2 \cdot C^2 + 1}$ - R = 0.00000

c

a

A

R

B

C

D

Unit = 1.00000

A = 0.23175

B = 0.44418

C = 0.77491

D = 1.20702

$\frac{B-A}{B} = 0.47826$

ac = 0.47826

R = 0.30972

$\frac{C \cdot D \cdot (ac+C) \cdot ((C^2 - ac \cdot C^2 \cdot D - ac^2 \cdot C \cdot D)+1)}{ac^2 \cdot C^2 \cdot D^2 + 2 \cdot ac \cdot C^3 \cdot D^2 + C^4 \cdot D^2 + C^4 + 2 \cdot C^2 + 1} - R = 0.00000$

c

a

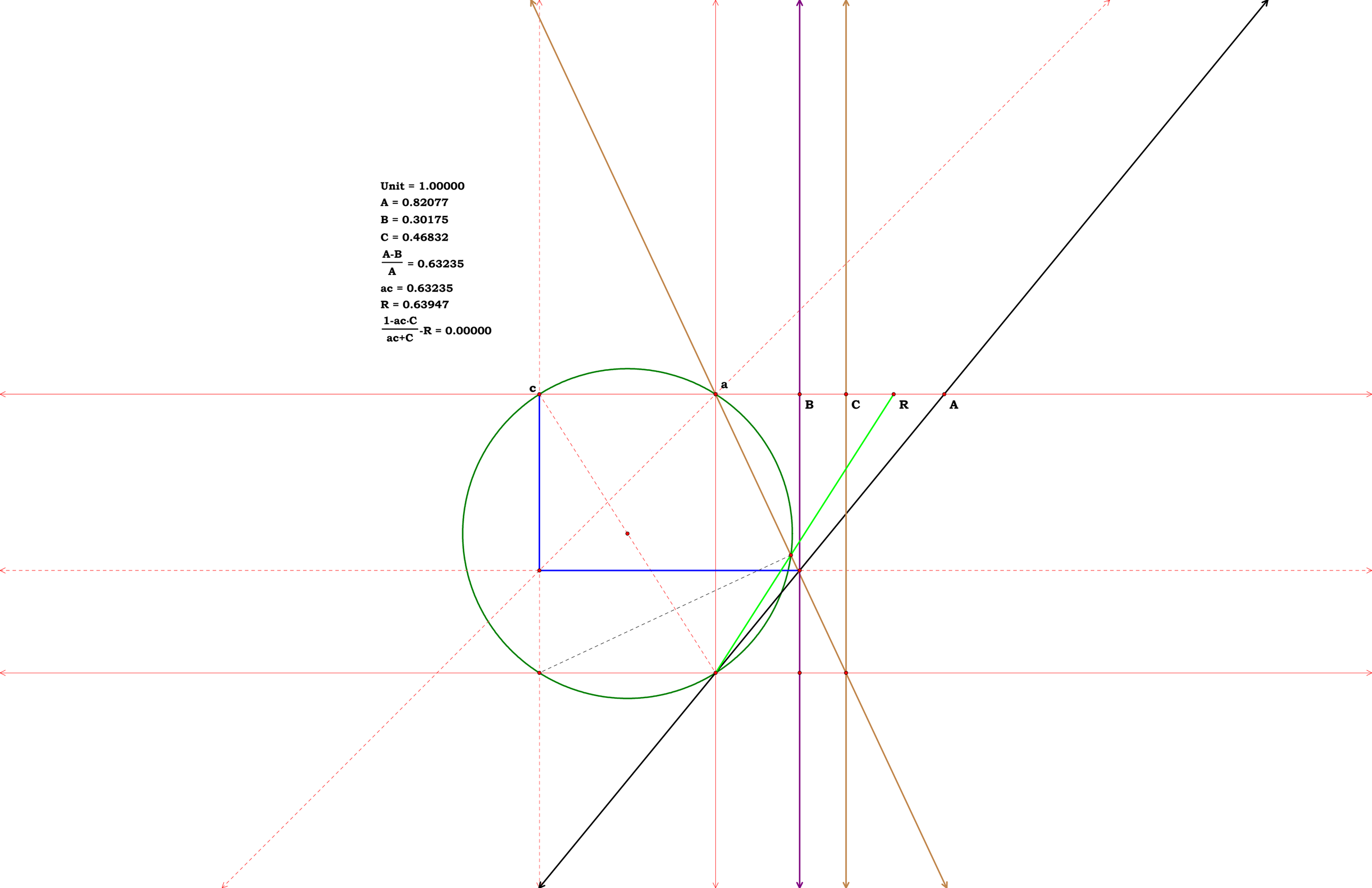
R

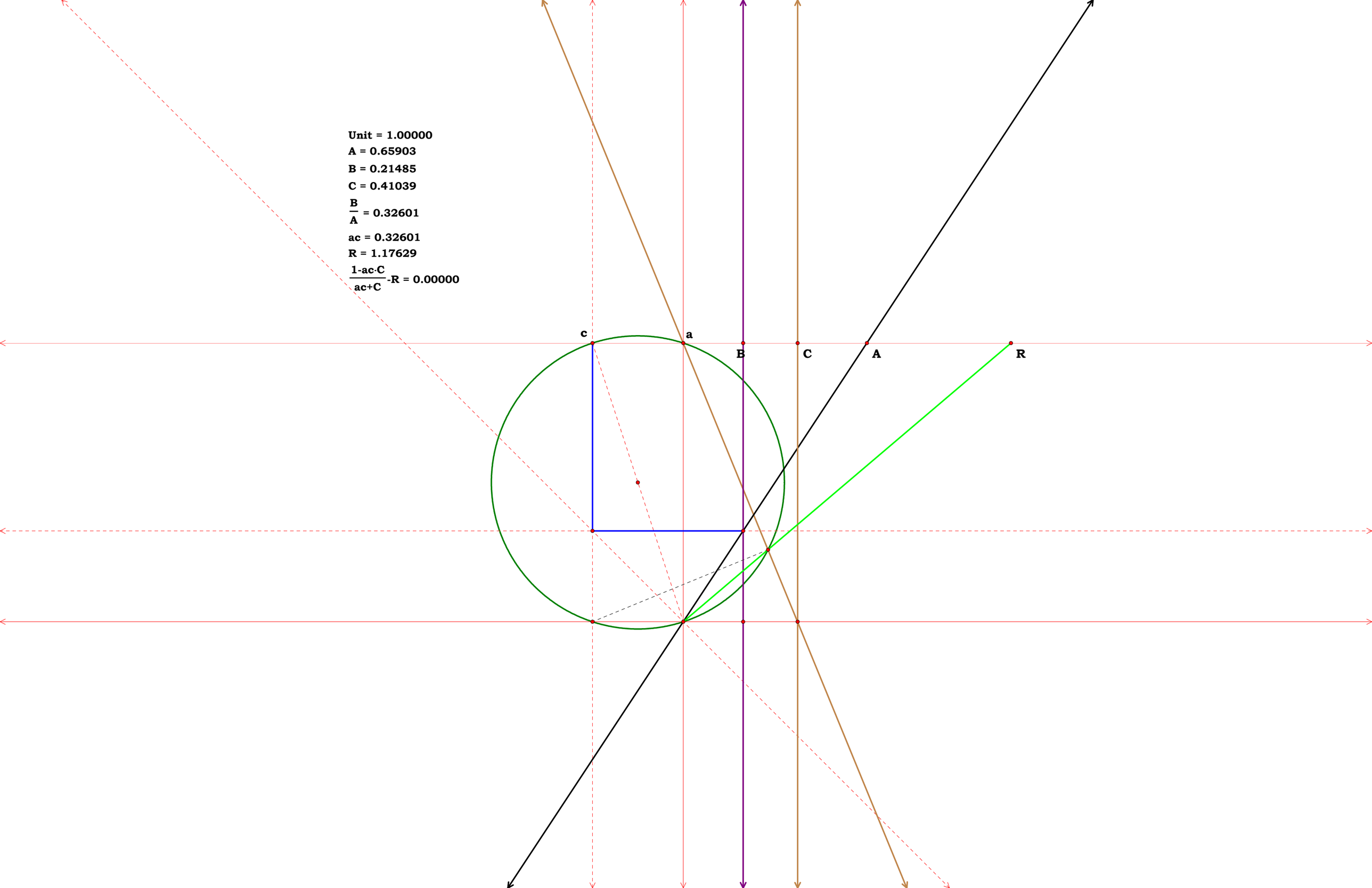
A

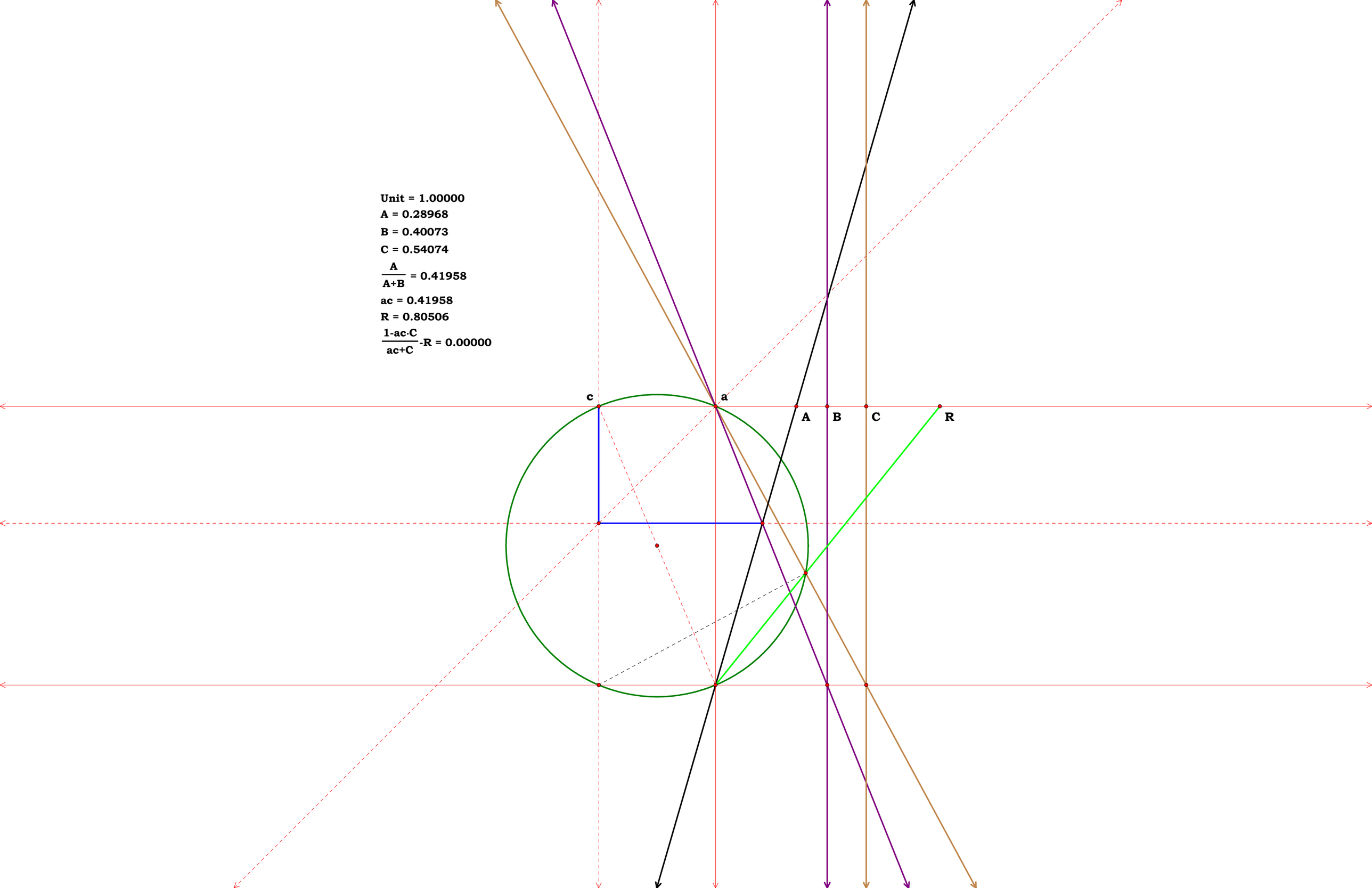
B

C

D


Unit = 1.00000
A = 0.82077
B = 0.30175
C = 0.46832
(A-B)/A = 0.63235
ac = 0.63235
R = 0.63947
(1-ac·C)/(ac+C)-R = 0.00000
c
a
B
C
R
A


Unit = 1.00000
A = 0.65903
B = 0.21485
C = 0.41039
B/A = 0.32601
ac = 0.32601
R = 1.17629
(1-ac·C)/(ac+C)-R = 0.00000
c
a
B
C
A
R


Unit = 1.00000
A = 0.28968
B = 0.40073
C = 0.54074
A/(A+B) = 0.41958
ac = 0.41958
R = 0.80506
(1-ac·C)/(ac+C)-R = 0.00000
c
a
A
B
C
R

Unit = 1.00000

A = 0.20036

B = 0.49005

C = 0.69524

$\frac{B}{A+B}$ = 0.70979

ac = 0.70979

R = 0.36051

$\frac{1-ac\cdot C}{ac+C}$-R = 0.00000

c

a

A

R

B

C

Unit = 1.00000

A = 0.18347

B = 0.90285

C = 0.52385

$\frac{A}{B}$ = 0.20321

ac = 0.20321

R = 1.22900

$\frac{1-ac \cdot C}{ac+C}$-R = 0.00000

c

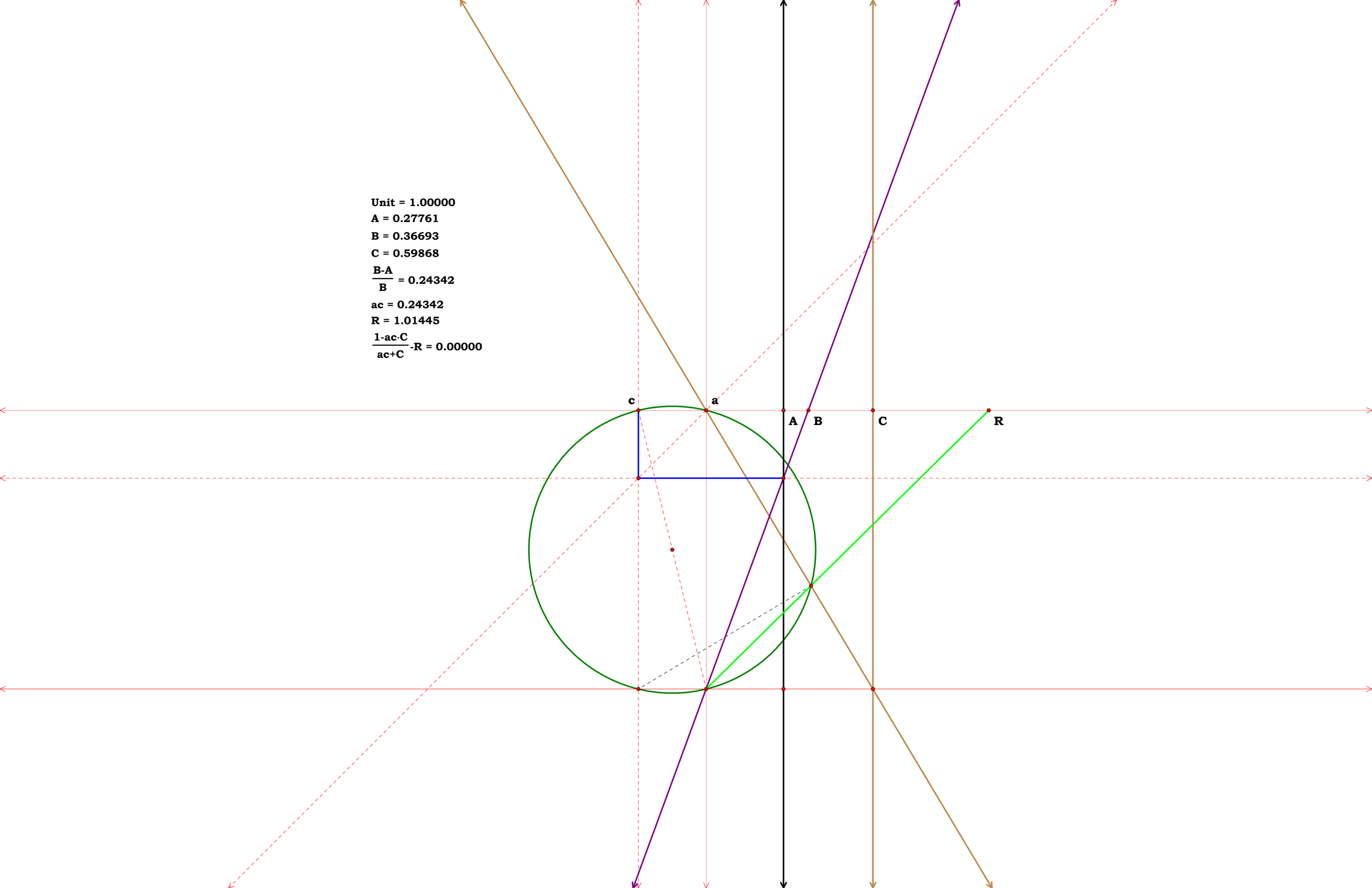
a

A

C

B

R


Unit = 1.00000
A = 0.27761
B = 0.36693
C = 0.59868
(B-A)/B = 0.24342
ac = 0.24342
R = 1.01445
(1-ac·C)/(ac+C)-R = 0.00000
c
a
A
B
C
R

Unit = 1.00000

A = 0.34279

B = 0.23175

C = 1.05252

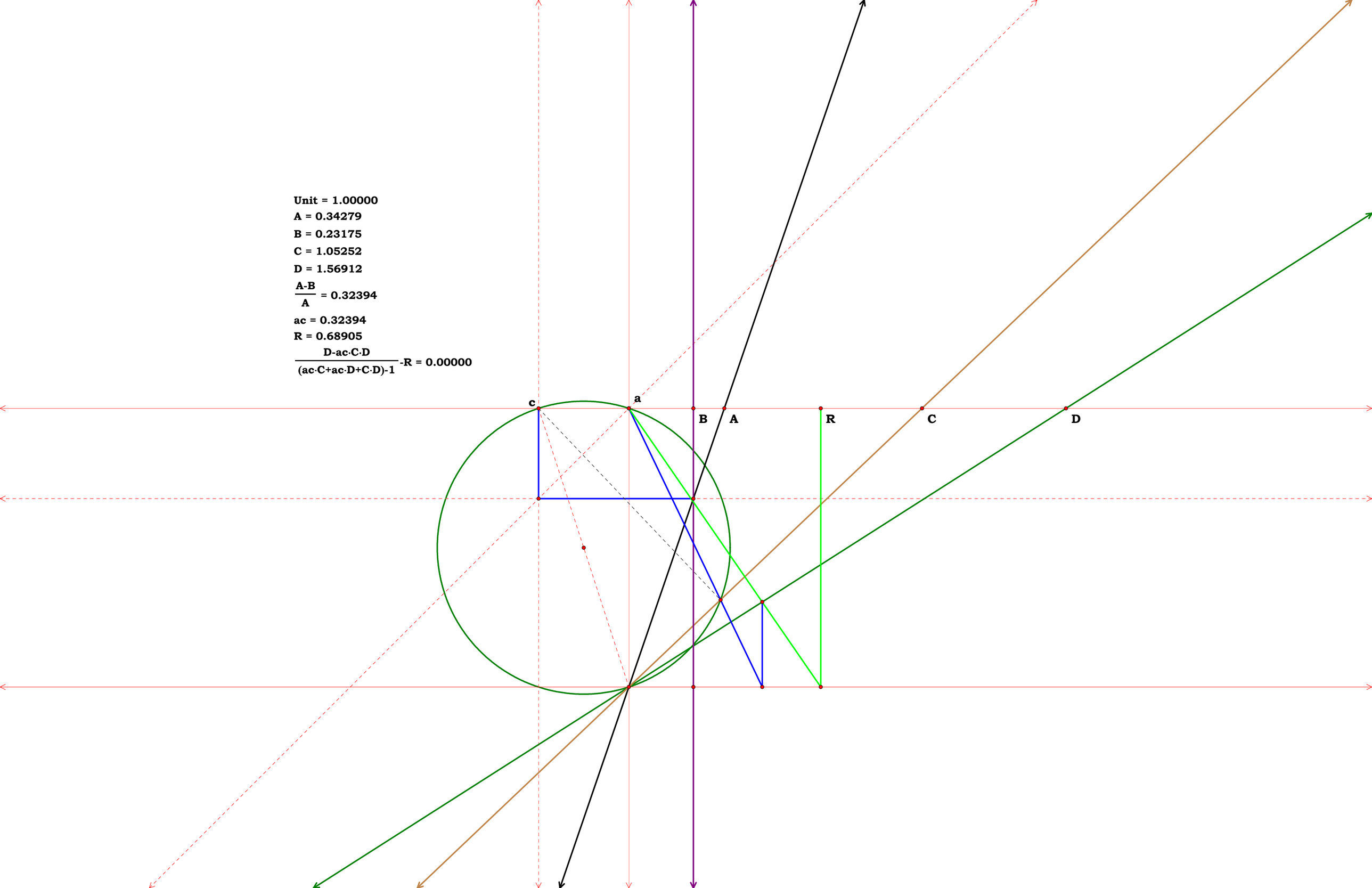
D = 1.56912

$\frac{A-B}{A}$ = 0.32394

ac = 0.32394

R = 0.68905

$\frac{D-ac \cdot C \cdot D}{(ac \cdot C+ac \cdot D+C \cdot D)-1}-R$ = 0.00000



Unit = 1.00000

A = 0.36693

B = 0.24140

C = 0.59868

D = 1.14425

$\frac{B}{A}$ = 0.65789

ac = 0.65789

R = 0.83391

$\frac{D-ac\cdot C\cdot D}{(ac\cdot C+ac\cdot D+C\cdot D)-1}-R$ = 0.00000

c

a

B

A

C

R

D

Unit = 1.00000

A = 0.29451

B = 0.73145

C = 0.87871

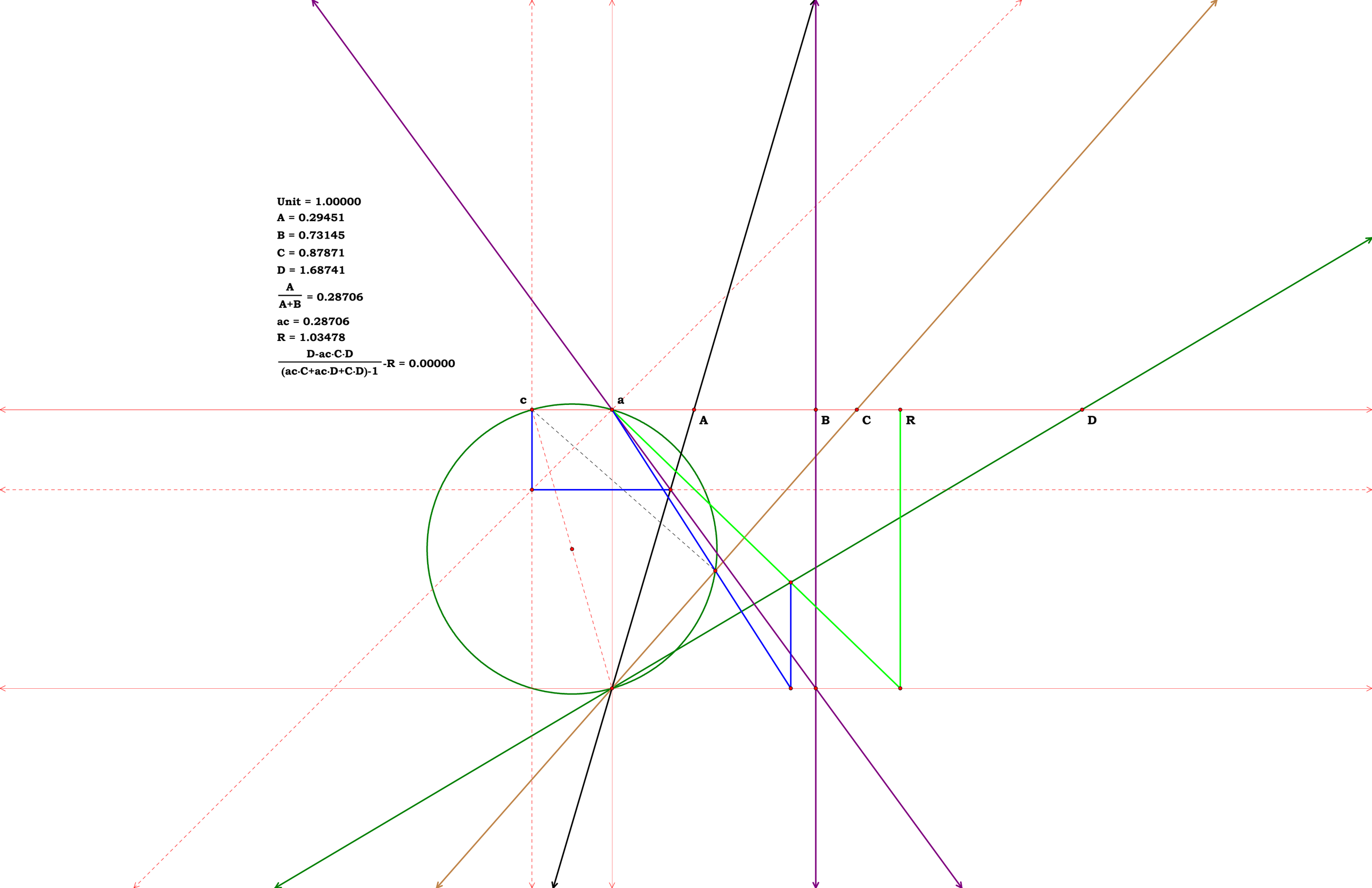
D = 1.68741

$\frac{A}{A+B}$ = 0.28706

ac = 0.28706

R = 1.03478

$\frac{D-ac\cdot C\cdot D}{(ac\cdot C+ac\cdot D+C\cdot D)-1}$-R = 0.00000



Unit = 1.00000

A = 0.96803

B = 0.53592

C = 0.76525

D = 1.55222

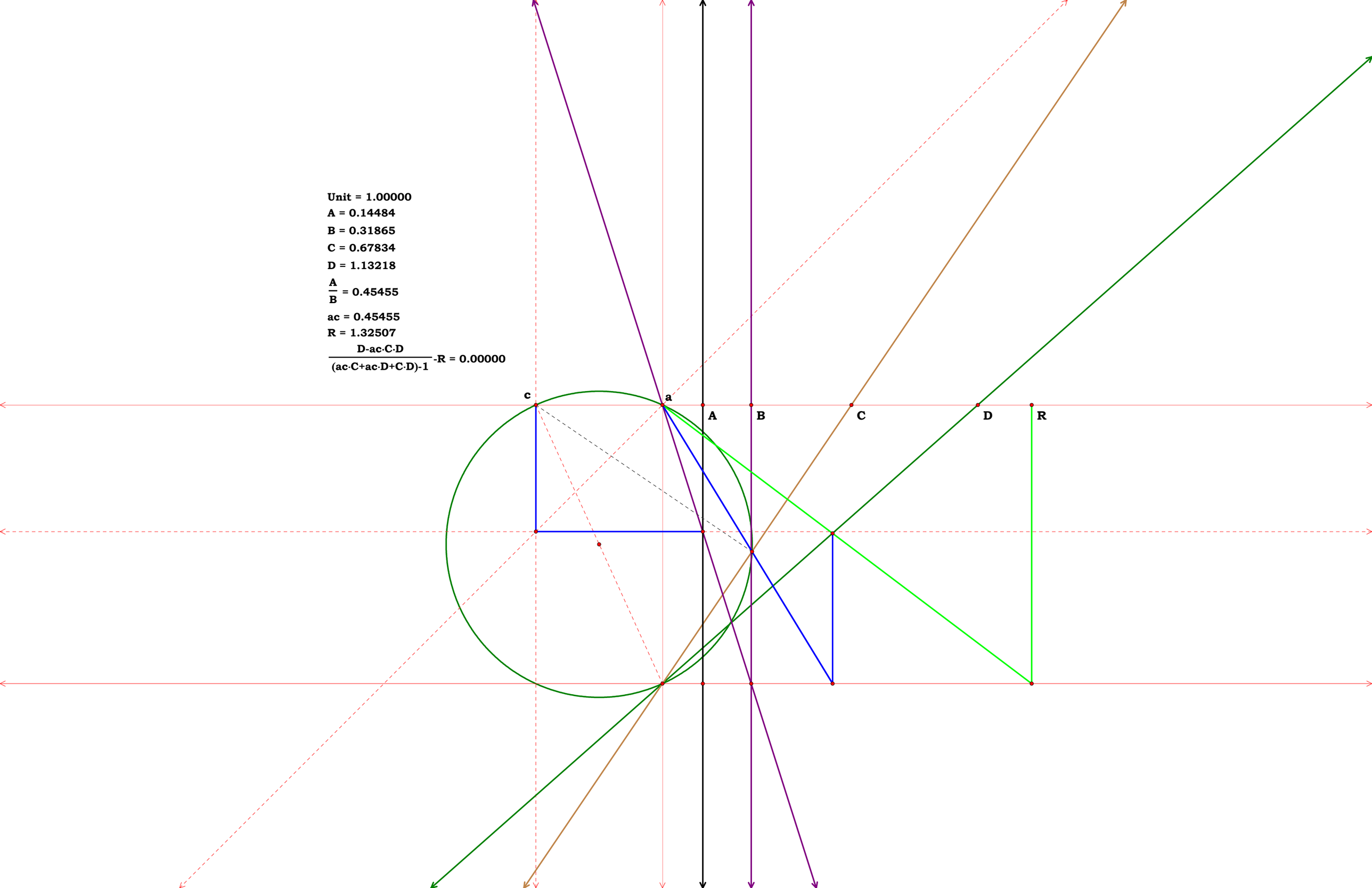
$\frac{B}{A+B}$ = 0.35634

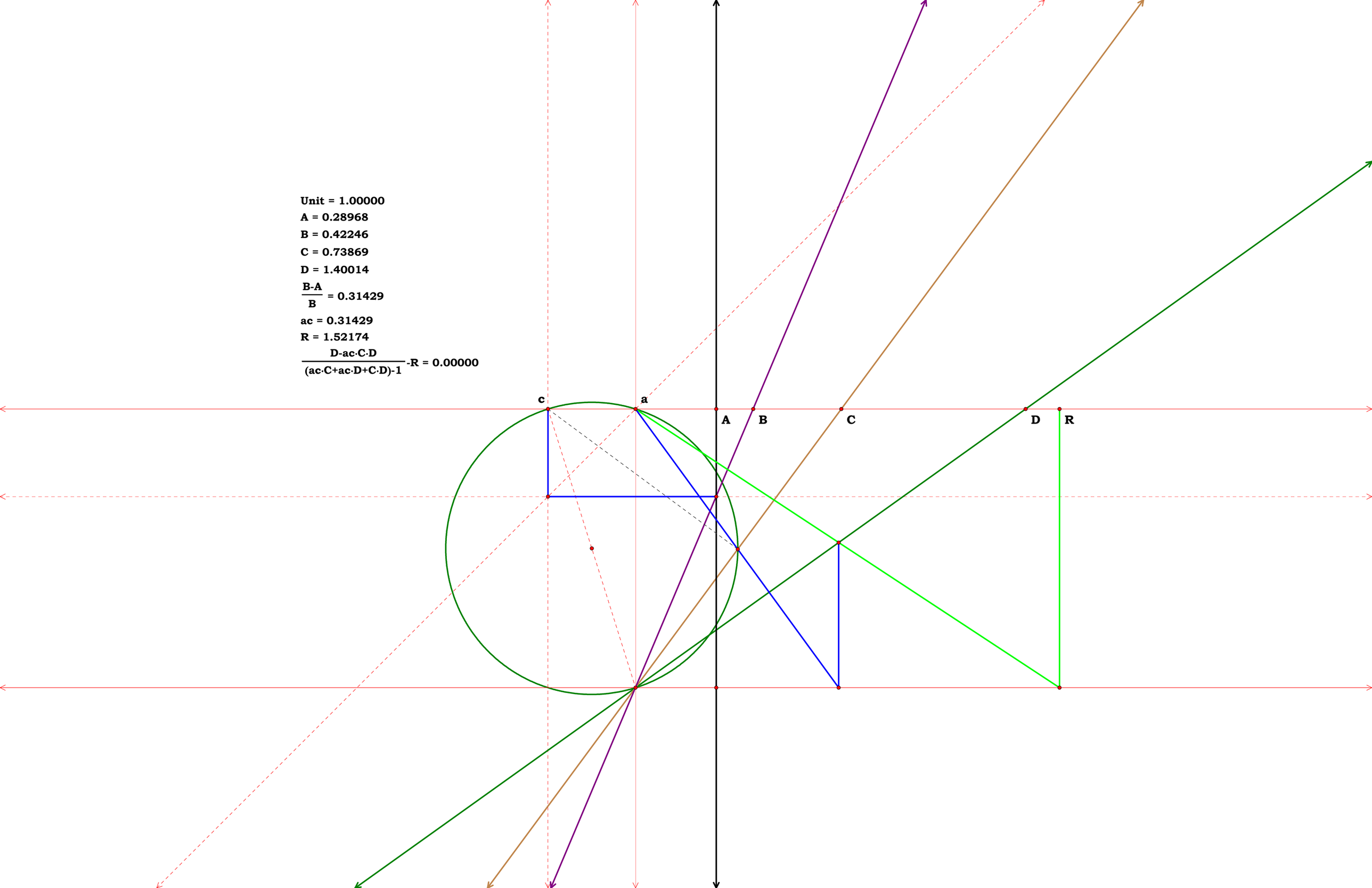
ac = 0.35634

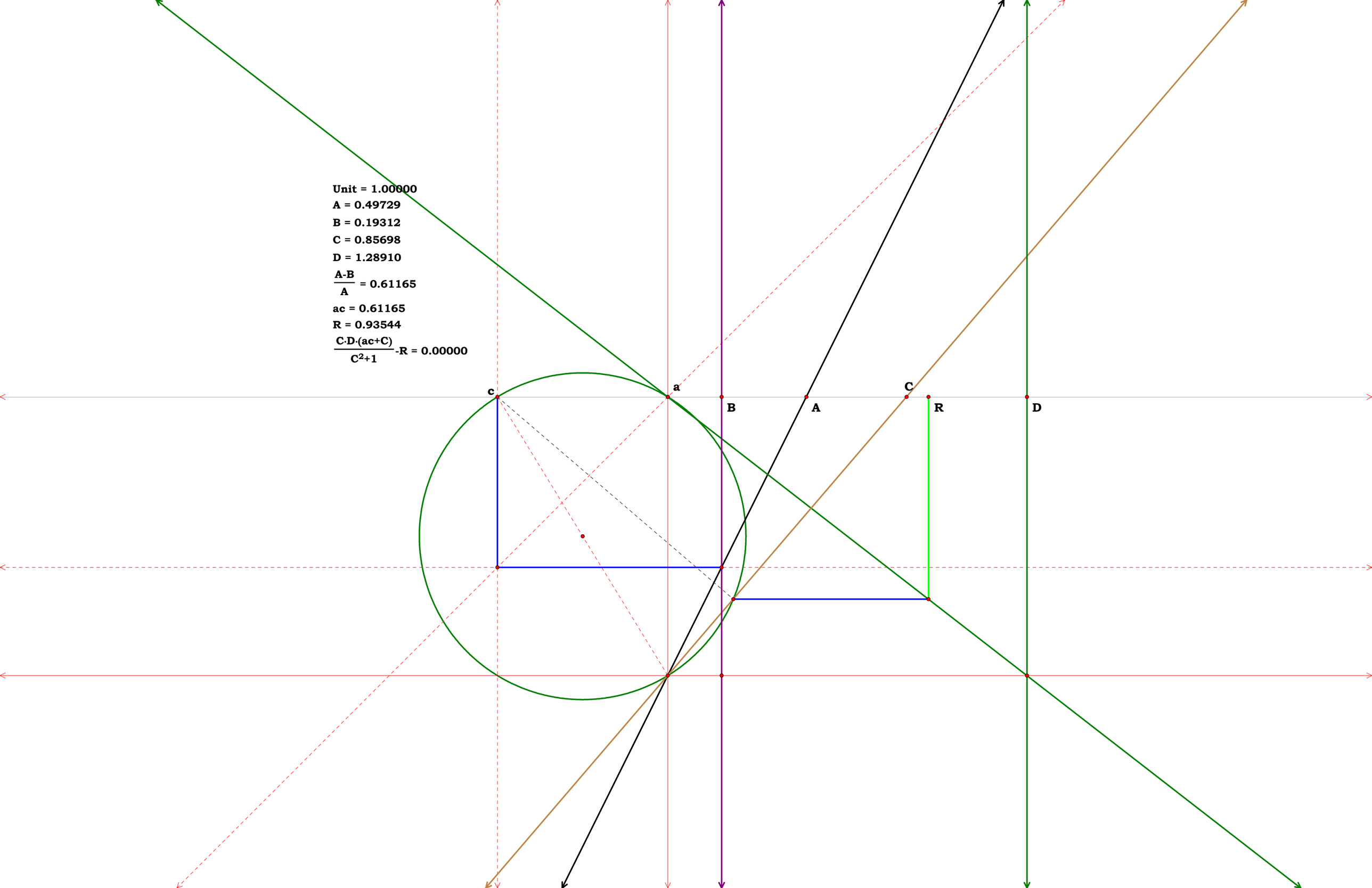
R = 1.11375

$\frac{D-ac\cdot C\cdot D}{(ac\cdot C+ac\cdot D+C\cdot D)-1}$ -R = 0.00000

c a B C A R D


Unit = 1.00000
A = 0.14484
B = 0.31865
C = 0.67834
D = 1.13218
A/B = 0.45455
ac = 0.45455
R = 1.32507
(D-ac·C·D)/((ac·C+ac·D+C·D)-1) -R = 0.00000
c
a
A
B
C
D
R


Unit = 1.00000
A = 0.28968
B = 0.42246
C = 0.73869
D = 1.40014
(B-A)/B = 0.31429
ac = 0.31429
R = 1.52174
(D-ac·C·D)/((ac·C+ac·D+C·D)-1)-R = 0.00000
c
a
A
B
C
D
R


Unit = 1.00000
A = 0.49729
B = 0.19312
C = 0.85698
D = 1.28910
(A-B)/A = 0.61165
ac = 0.61165
R = 0.93544
C·D·(ac+C)/(C²+1)-R = 0.00000
c
a
B
A
C
R
D

Unit = 1.00000

A = 0.51419

B = 0.23175

C = 0.84008

D = 1.08873

$\frac{B}{A}$ = 0.45070

ac = 0.45070

R = 0.69213

$\frac{C \cdot D \cdot (ac+C)}{C^2+1}$ -R = 0.00000

c

a

B

A

R

C

D

Unit = 1.00000

A = 0.21968

B = 0.67110

C = 1.08149

D = 1.31806

$\frac{A}{A+B}$ = 0.24661

ac = 0.24661

R = 0.87258

$\frac{C \cdot D \cdot (ac+C)}{C^2+1}$ - R = 0.00000

c

a

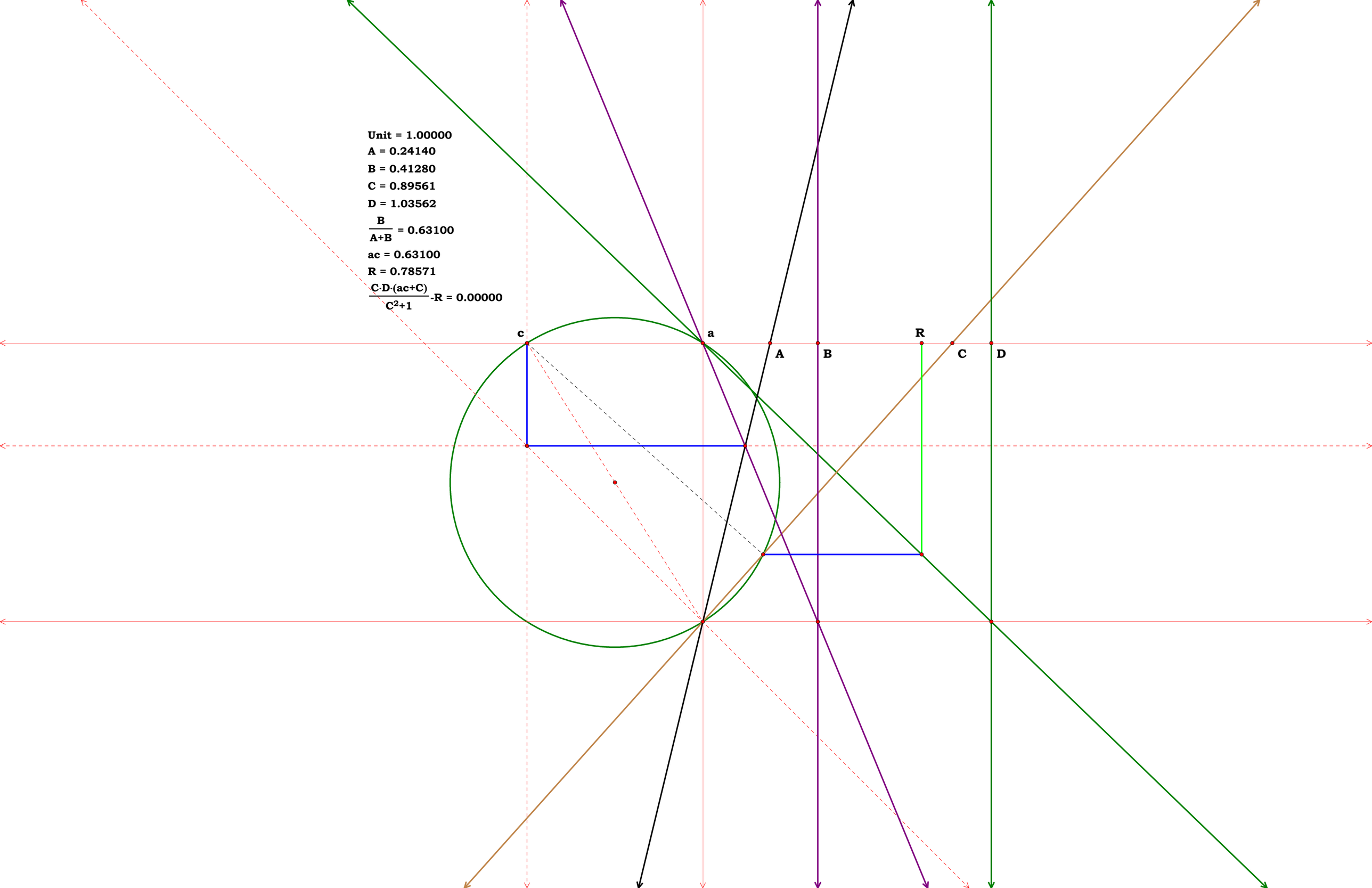
A

B

R

C

D


Unit = 1.00000
A = 0.24140
B = 0.41280
C = 0.89561
D = 1.03562
B / (A+B) = 0.63100
ac = 0.63100
R = 0.78571
C·D·(ac+C) / (C^2+1) -R = 0.00000
c
a
A
B
R
C
D

Unit = 1.00000

A = 0.17622

B = 0.42246

C = 0.75077

D = 0.99217

$\frac{A}{B}$ = 0.41714

ac = 0.41714

R = 0.55636

$\frac{C \cdot D \cdot (ac+C)}{C^2+1}$ - R = 0.00000

c

a

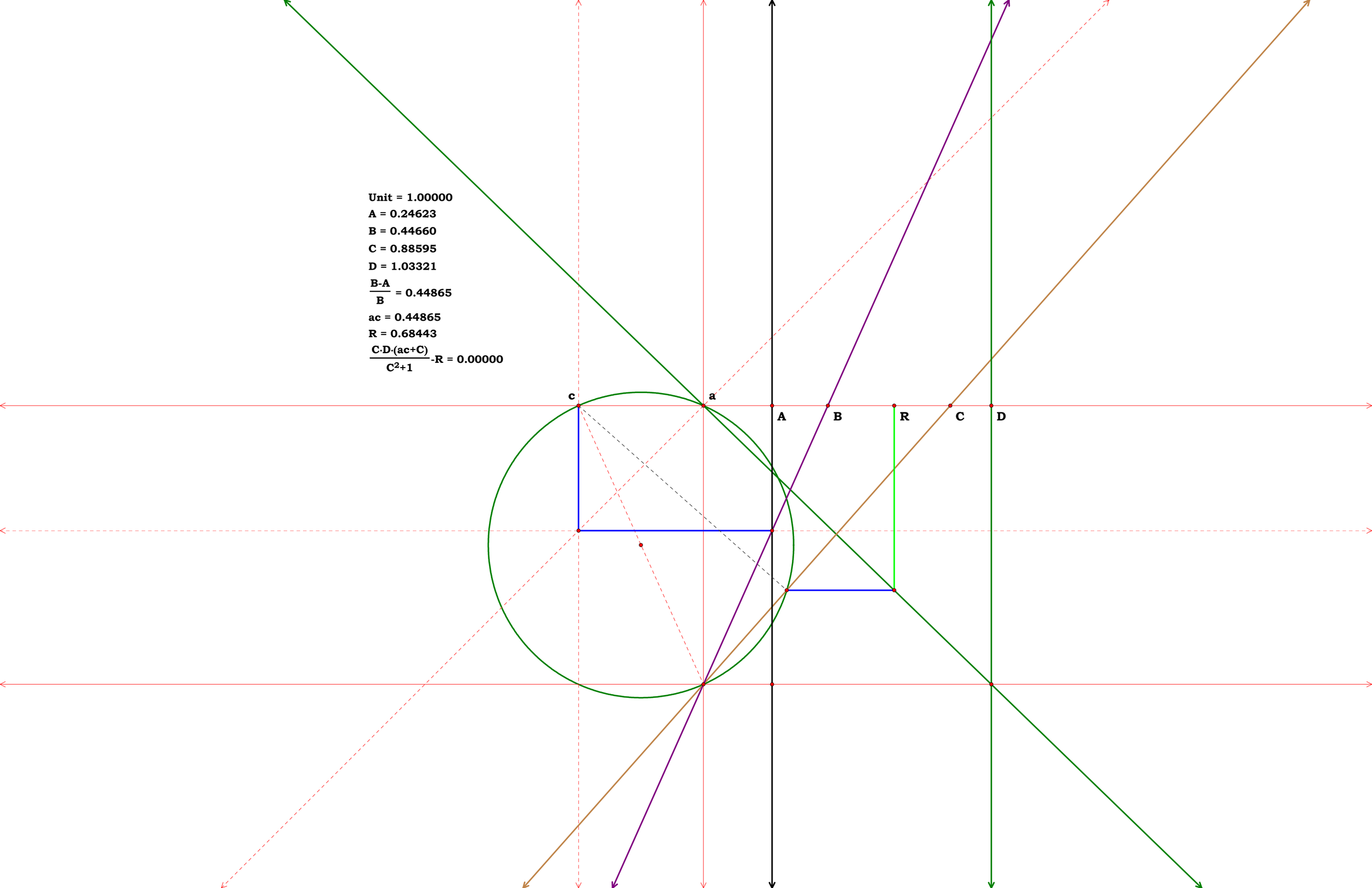
A

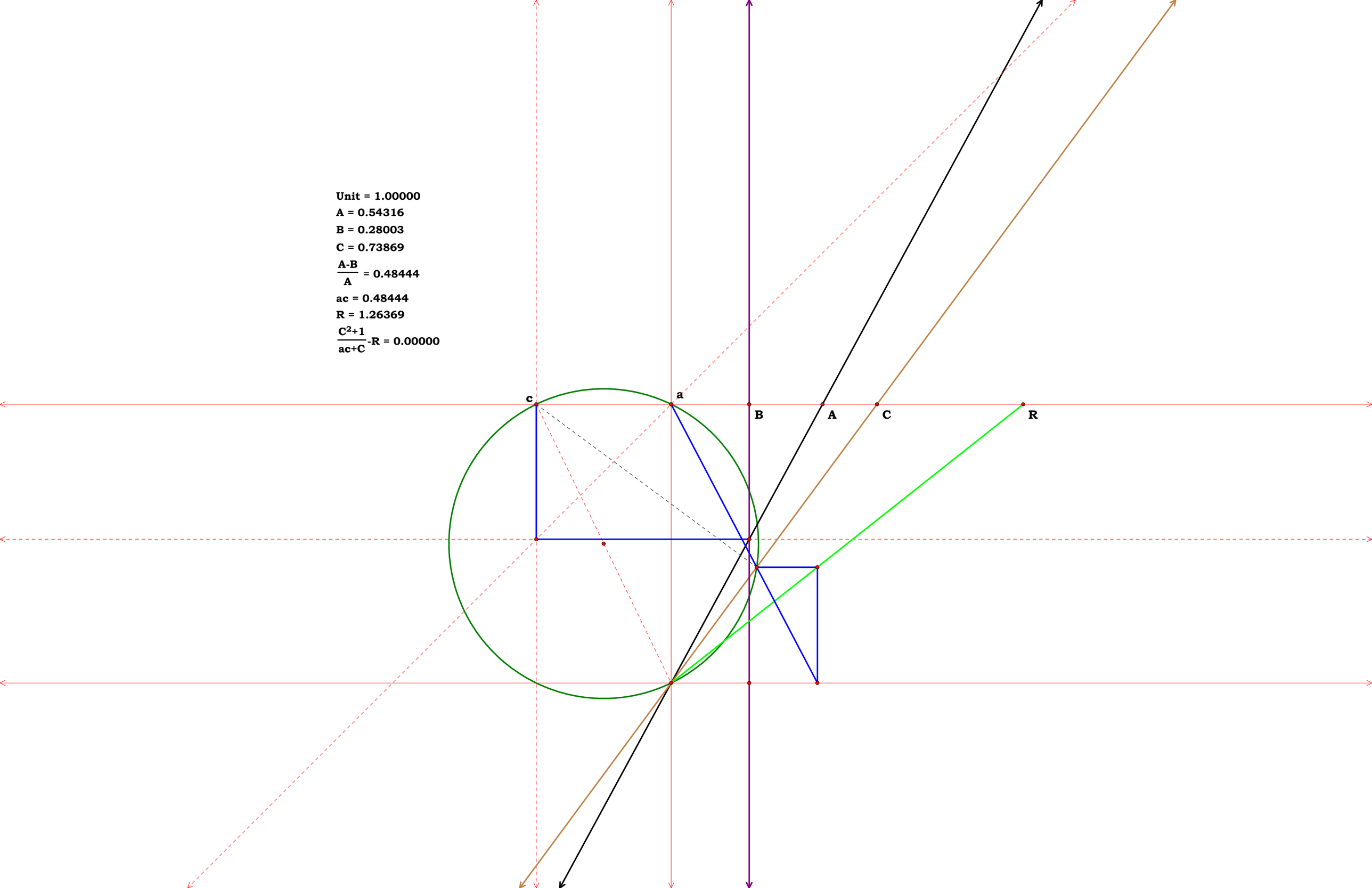
B

R

C

D


Unit = 1.00000
A = 0.24623
B = 0.44660
C = 0.88595
D = 1.03321
(B-A)/B = 0.44865
ac = 0.44865
R = 0.68443
C·D·(ac+C)/(C²+1) -R = 0.00000
c
a
A
B
R
C
D


Unit = 1.00000
A = 0.54316
B = 0.28003
C = 0.73869
(A-B)/A = 0.48444
ac = 0.48444
R = 1.26369
(C²+1)/(ac+C)-R = 0.00000
c
a
B
A
C
R

Unit = 1.00000

A = 0.33314

B = 0.23175

C = 0.63489

$\frac{B}{A}$ = 0.69565

ac = 0.69565

R = 1.05452

$\frac{C^2+1}{ac+C}$-R = 0.00000

c

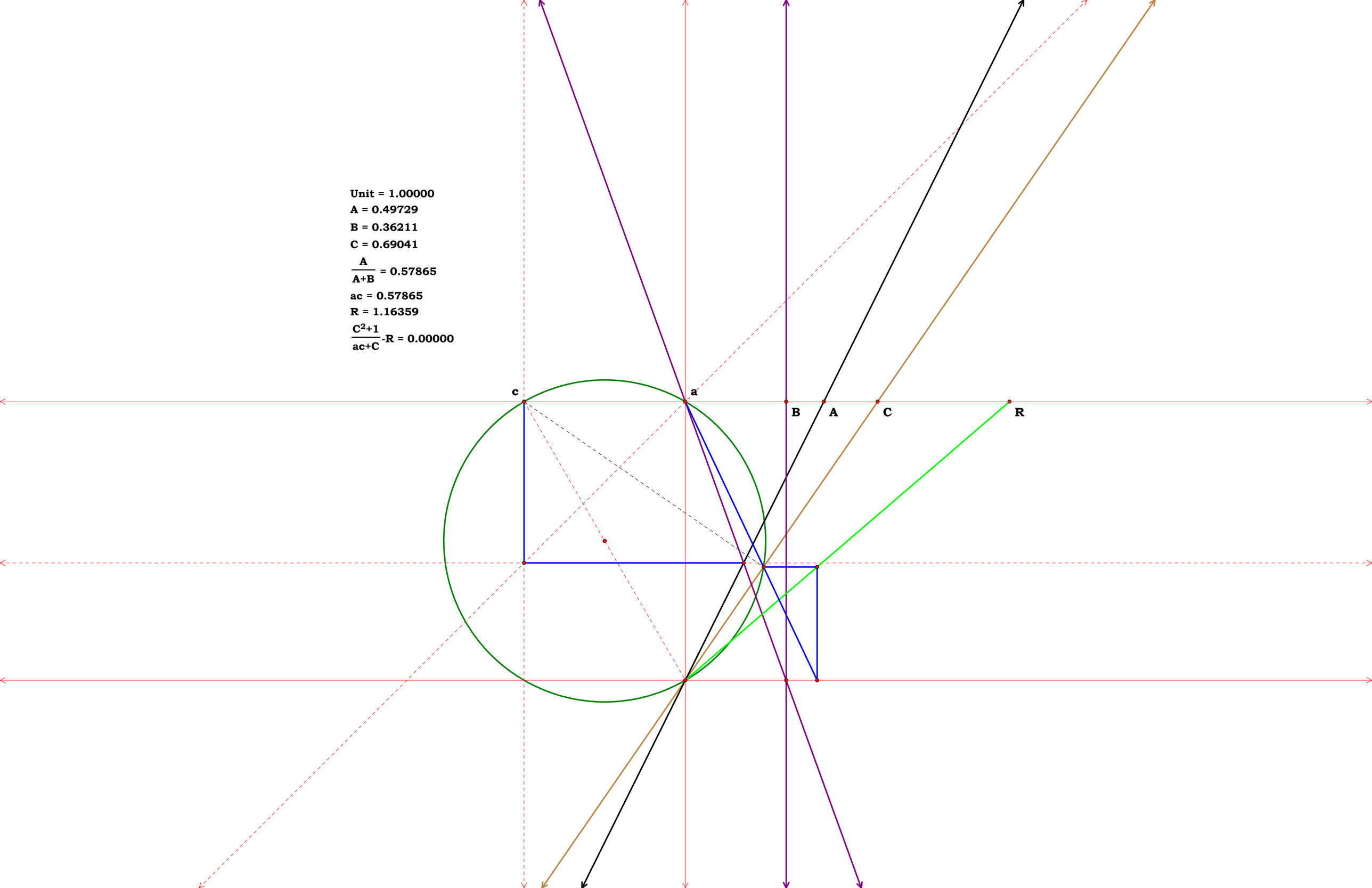
a

B

A

C

R


Unit = 1.00000
A = 0.49729
B = 0.36211
C = 0.69041
A/(A+B) = 0.57865
ac = 0.57865
R = 1.16359
(C²+1)/(ac+C)-R = 0.00000
c
a
B
A
C
R

Unit = 1.00000

A = 0.22451

B = 0.39107

C = 0.60109

$\frac{B}{A+B}$ = 0.63529

ac = 0.63529

R = 1.10104

$\frac{C^2+1}{ac+C}$-R = 0.00000

c

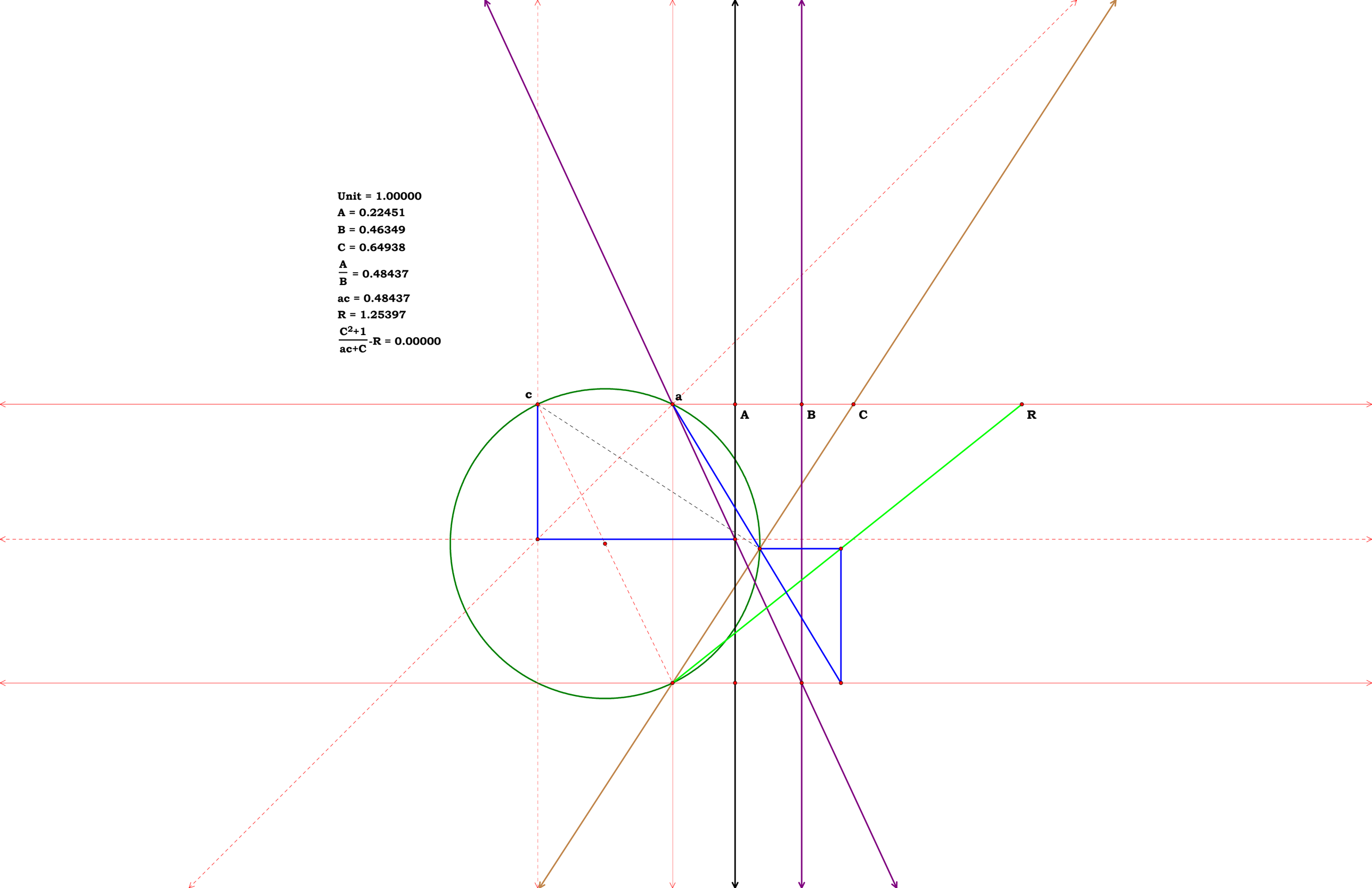
a

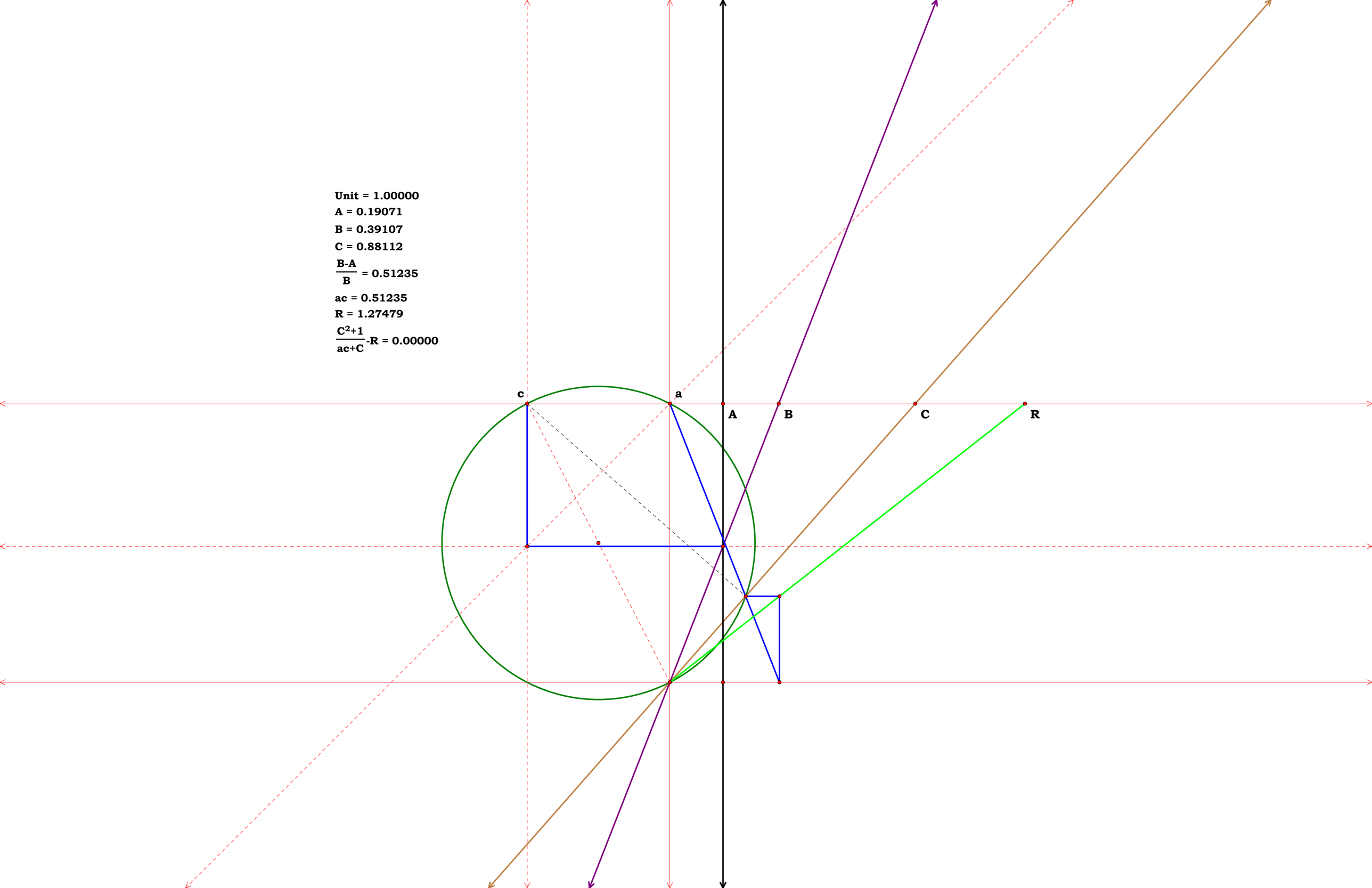
A

B

C

R


Unit = 1.00000
A = 0.22451
B = 0.46349
C = 0.64938
A/B = 0.48437
ac = 0.48437
R = 1.25397
(C²+1)/(ac+C)-R = 0.00000
c
a
A
B
C
R


Unit = 1.00000
A = 0.19071
B = 0.39107
C = 0.88112
(B-A)/B = 0.51235
ac = 0.51235
R = 1.27479
(C^2+1)/(ac+C)-R = 0.00000
c
a
A
B
C
R

Unit = 1.00000

A = 0.54799

B = 0.16657

C = 0.41039

D = 2.13642

$\frac{A-B}{A}$ = 0.69604

ac = 0.69604

R = 1.51339

$\frac{D\cdot(C^2+1)}{(ac\cdot C+ac\cdot D+C\cdot D)-1}$-R = 0.00000

c a B C A R D

Unit = 1.00000

A = 0.42004

B = 0.24865

C = 0.67593

D = 1.31324

$\frac{B}{A}$ = 0.59195

ac = 0.59195

R = 1.79621

$\frac{D\cdot(C^2+1)}{(ac\cdot C+ac\cdot D+C\cdot D)-1}$ -R = 0.00000

c a B A C D R

Unit = 1.00000

A = 0.24865

B = 0.44660

C = 0.74835

D = 1.50636

$\frac{A}{A+B}$ = 0.35764

ac = 0.35764

R = 2.51695

$\frac{D\cdot(C^2+1)}{(ac\cdot C+ac\cdot D+C\cdot D)-1}$ -R = 0.00000

c a A B C D R

Unit = 1.00000

A = 0.67352

B = 0.93182

C = 0.80870

D = 1.16357

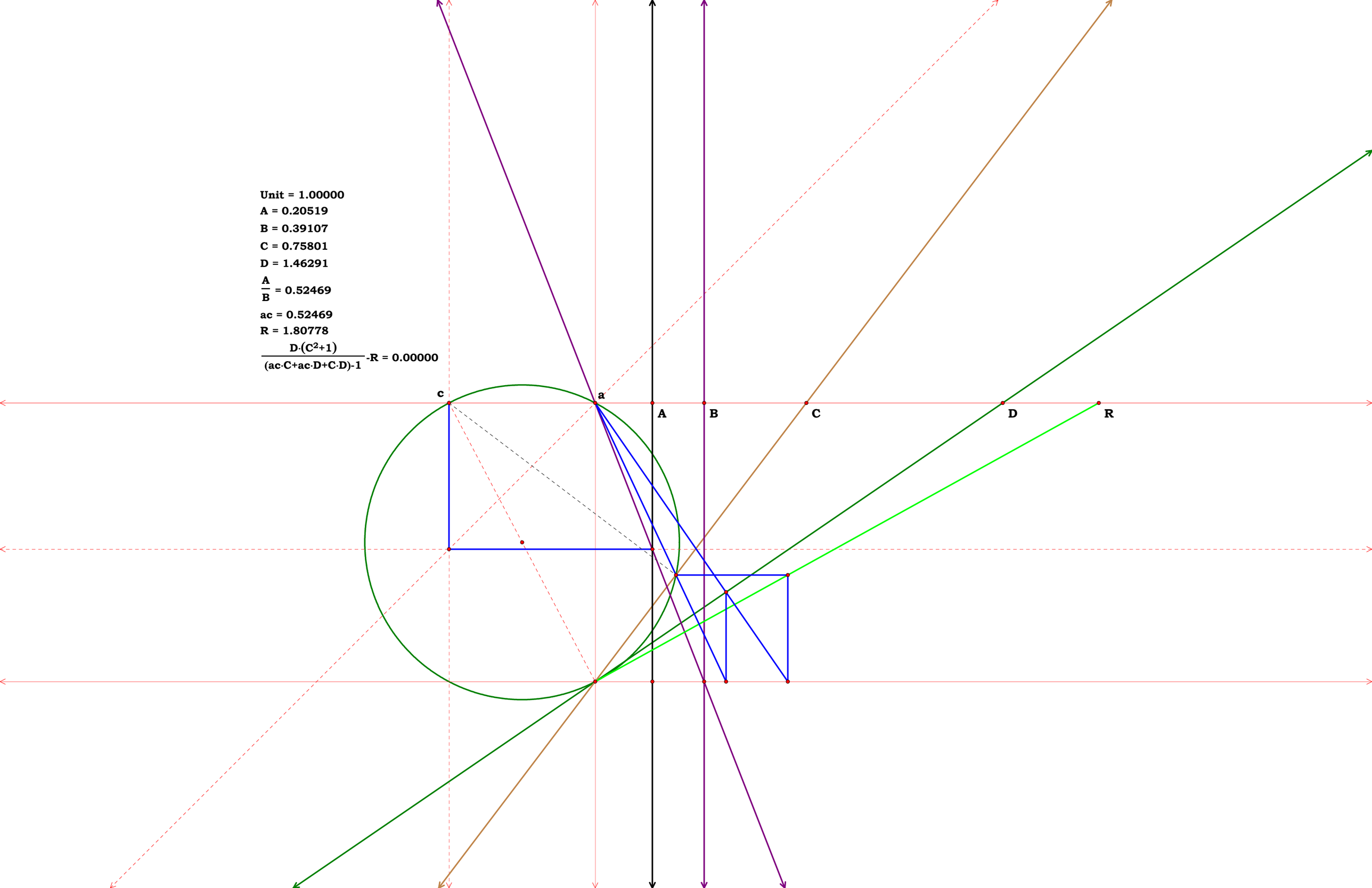
$\frac{B}{A+B}$ = 0.58045

ac = 0.58045

R = 1.77249

$\frac{D\cdot(C^2+1)}{(ac\cdot C+ac\cdot D+C\cdot D)-1}$ -R = 0.00000

c a A C B D R


Unit = 1.00000
A = 0.20519
B = 0.39107
C = 0.75801
D = 1.46291
A/B = 0.52469
ac = 0.52469
R = 1.80778
D·(C²+1)/(ac·C+ac·D+C·D)-1 -R = 0.00000
c
a
A
B
C
D
R

Unit = 1.00000

A = 0.17622

B = 0.25589

C = 0.99941

D = 2.22574

$\frac{B-A}{B}$ = 0.31132

ac = 0.31132

R = 1.99636

$\frac{D\cdot(C^2+1)}{(ac\cdot C+ac\cdot D+C\cdot D)-1}$-R = 0.00000

c a A B C R D

Unit = 1.00000

A = 0.49729

B = 0.35004

C = 0.68317

D = 1.20702

$\frac{A-B}{A}$ = 0.29612

ac = 0.29612

R = 1.01231

$\frac{C \cdot D \cdot (ac+C)}{1-ac \cdot C}$ -R = 0.00000

c

a

B

A

C

R

D

Unit = 1.00000

A = 0.26072

B = 0.20278

C = 0.56971

D = 0.82801

$\frac{B}{A}$ = 0.77778

ac = 0.77778

R = 1.14143

$\frac{C \cdot D \cdot (ac+C)}{1-ac \cdot C}$ -R = 0.00000

c

a

B

A

C

D

R

Unit = 1.00000

A = 0.23175

B = 0.54316

C = 1.03079

D = 0.75559

$\frac{A}{A+B}$ = 0.29907

ac = 0.29907

R = 1.49738

$\frac{C \cdot D \cdot (ac+C)}{1-ac \cdot C}$ - R = 0.00000

c

a

A

B

D

C

R

Unit = 1.00000

A = 0.22451

B = 0.39107

C = 0.65420

D = 1.02355

$\frac{B}{A+B}$ = 0.63529

ac = 0.63529

R = 1.47755

$\frac{C \cdot D \cdot (ac+C)}{1-ac \cdot C}$ -R = 0.00000

c

a

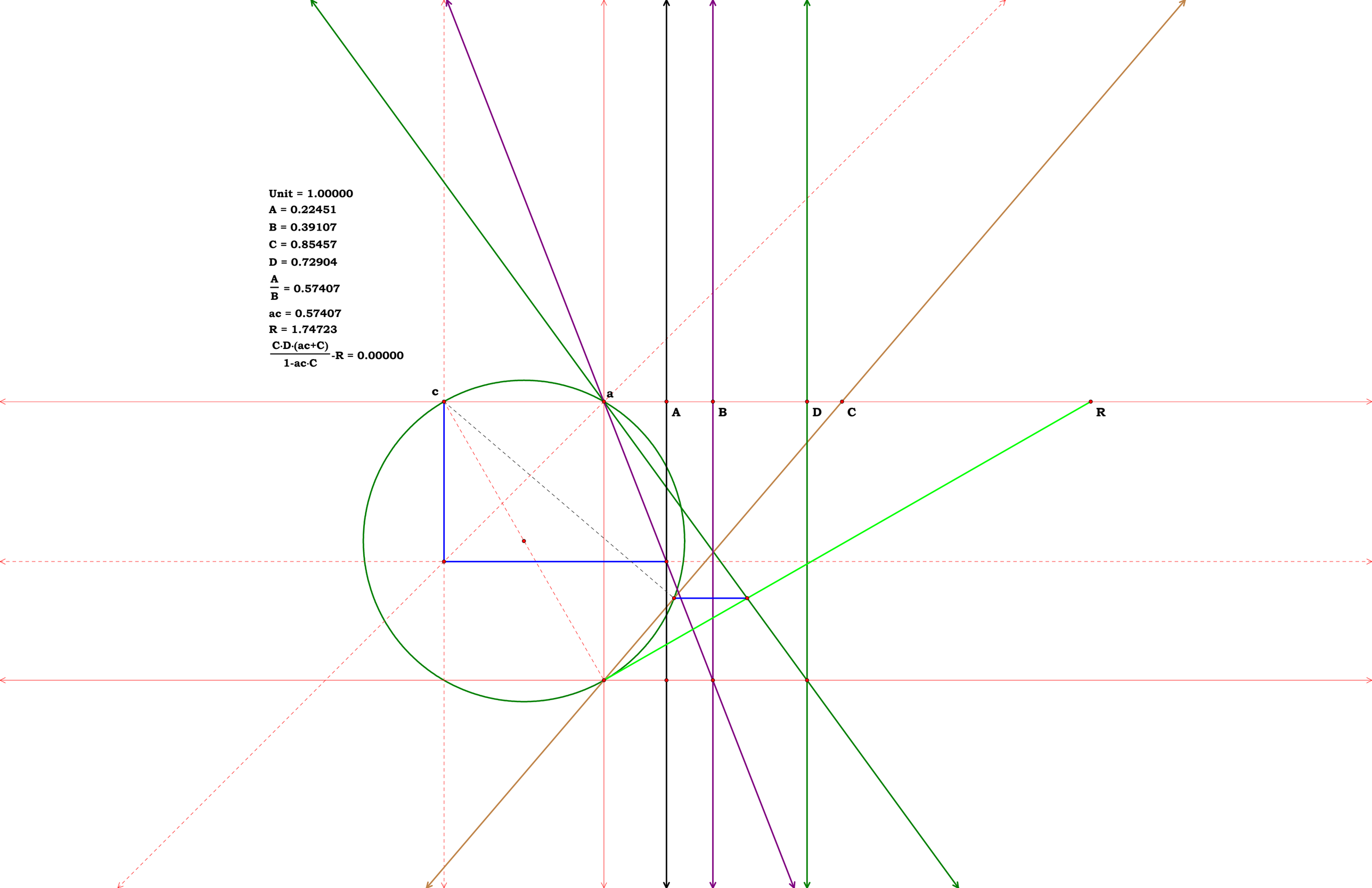
A

B

C

D

R


Unit = 1.00000
A = 0.22451
B = 0.39107
C = 0.85457
D = 0.72904
A/B = 0.57407
ac = 0.57407
R = 1.74723
C·D·(ac+C)/(1-ac·C) -R = 0.00000
c
a
A
B
D
C
R

Unit = 1.00000

A = 0.19071

B = 0.39107

C = 0.91975

D = 0.70731

$\frac{B-A}{B}$ = 0.51235

ac = 0.51235

R = 1.76191

$\frac{C \cdot D \cdot (ac+C)}{1-ac \cdot C}$ = 1.76191

c

a

A

B

D

C

R

Unit = 1.00000

A = 0.39349

B = 0.20519

C = 0.74111

D = 0.50936

$\frac{A-B}{A}$ = 0.47853

ac = 0.47853

R = 1.22277

$\frac{D\cdot(C^2+1)}{1-ac\cdot C}$-R = 0.00000

c

a

B

A

D

C

R

Unit = 1.00000

A = 0.42728

B = 0.29210

C = 0.55764

D = 0.69766

$\frac{B}{A}$ = 0.68362

ac = 0.68362

R = 1.47806

$\frac{D\cdot(C^2+1)}{1-ac\cdot C}$ -R = 0.00000

c

a

B

A

C

D

R

Unit = 1.00000

A = 0.21968

B = 0.39107

C = 0.96561

D = 0.70731

$\frac{A}{A+B}$ = 0.35968

ac = 0.35968

R = 2.09415

$\frac{D\cdot(C^2+1)}{1-ac\cdot C}$-R = 0.00000

c

a

A

B

D

C

R

Unit = 1.00000

A = 0.21485

B = 0.39107

C = 0.55764

D = 0.70731

$\frac{B}{A+B}$ = 0.64542

ac = 0.64542

R = 1.44865

$\frac{D\cdot(C^2+1)}{1-ac\cdot C}$-R = 0.00000

c

a

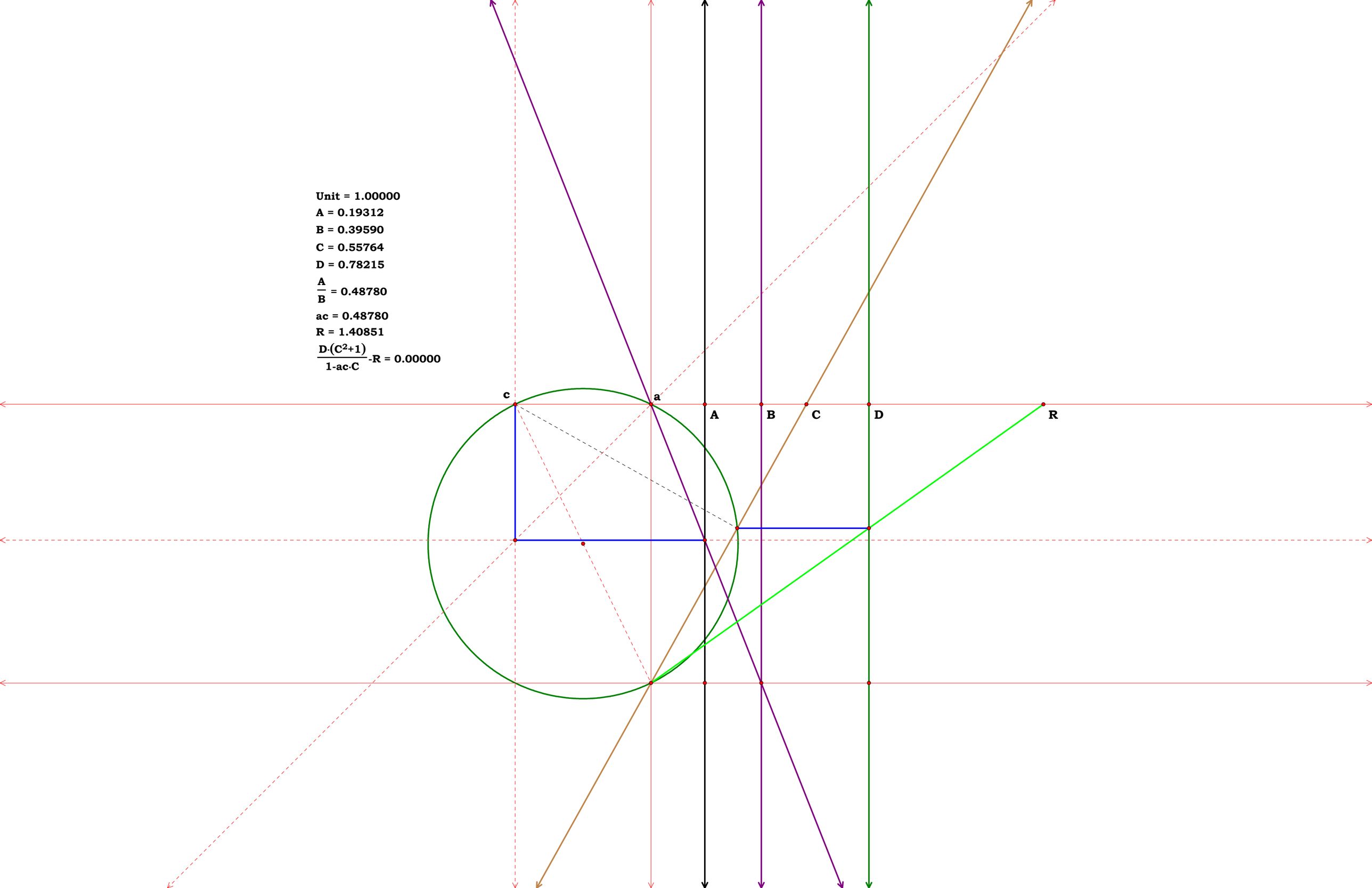
A

B

C

D

R


Unit = 1.00000
A = 0.19312
B = 0.39590
C = 0.55764
D = 0.78215
A/B = 0.48780
ac = 0.48780
R = 1.40851
D·(C²+1)/(1-ac·C) -R = 0.00000
c
a
A
B
C
D
R

Unit = 1.00000

A = 0.25347

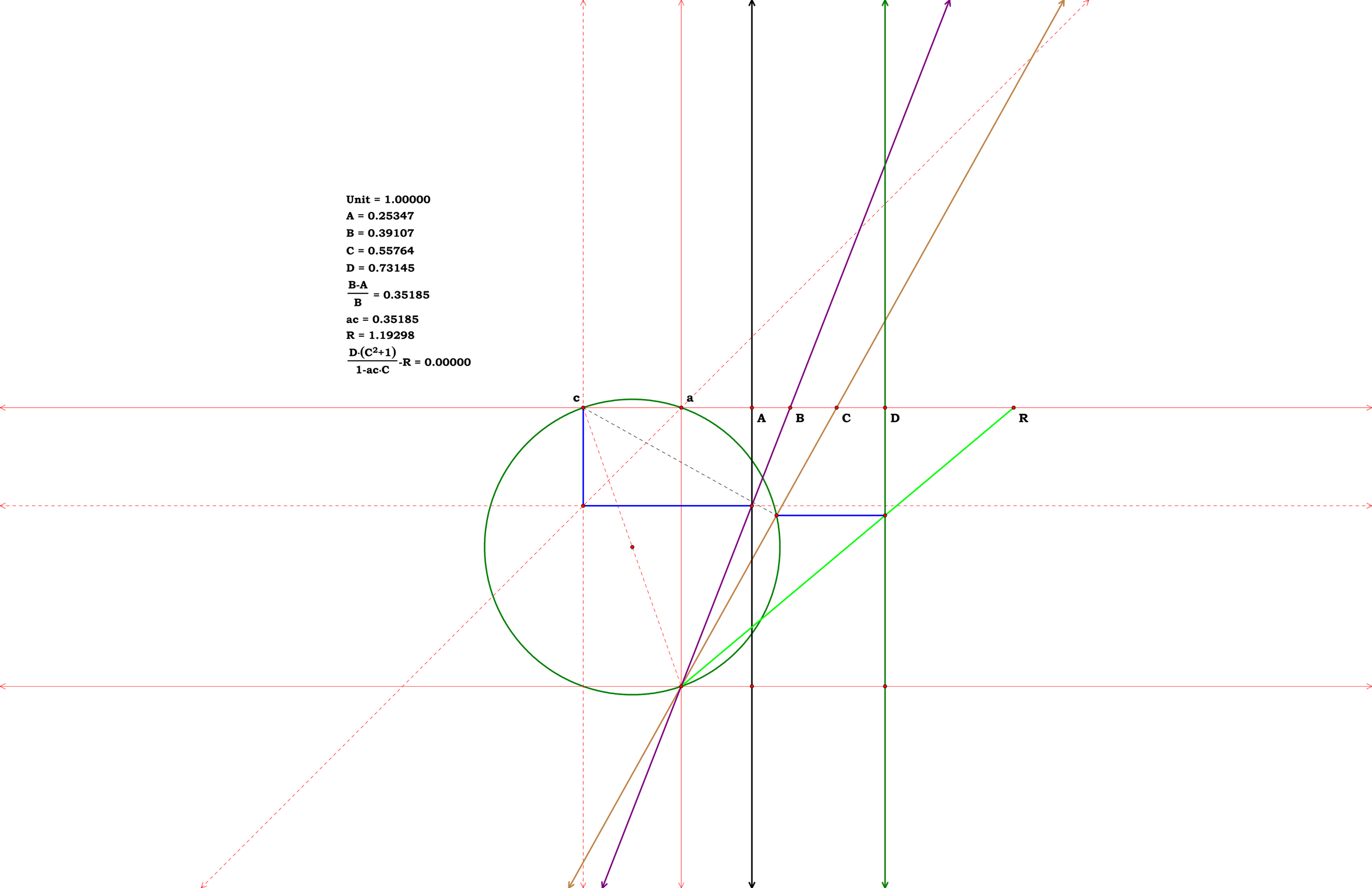
B = 0.39107

C = 0.55764

D = 0.73145

$\frac{B-A}{B}$ = 0.35185

ac = 0.35185

R = 1.19298

$\frac{D\cdot(C^2+1)}{1-ac\cdot C}$-R = 0.00000